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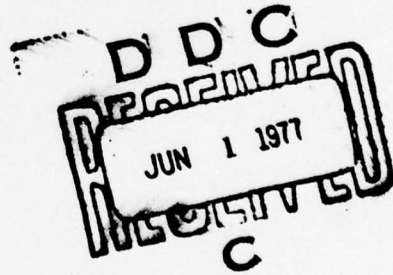
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SEVENTH ANNUAL REPORT OF OPERATIONS UNDER THE AIRPORT AND AIRWAY DEVELOPMENT ACT

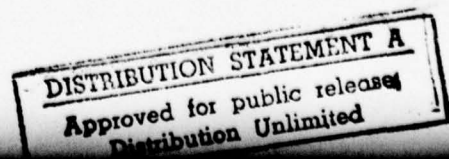
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DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION ✓
WASHINGTON, D.C. 20591



(21) See also AD-A019153.

(6)

SEVENTH ANNUAL REPORT OF OPERATIONS
(7th)
UNDER THE AIRPORT AND AIRWAY DEVELOPMENT ACT OF 1970 AS
AMENDED BY THE AIRPORT AND AIRWAY DEVELOPMENT
ACT AMENDMENTS OF 1976.

(PUBLIC LAW 91-258, 91st CONGRESS, APPROVED MAY 21, 1970)
(PUBLIC LAW 94-353, 94th CONGRESS, APPROVED JULY 12, 1976)

FISCAL YEAR ENDED JUNE 30, 1976 AND THE
TRANSITION QUARTER ENDED SEPTEMBER 30, 1976

(11) 1976

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DEPARTMENT OF TRANSPORTATION
Federal Aviation Administration

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THE SECRETARY OF TRANSPORTATION
WASHINGTON, D.C. 20590

April 8, 1977

Honorable Walter F. Mondale
President of the Senate
Washington, D. C. 20510

Dear Mr. President:

I am pleased to transmit to you the Seventh Annual Report
of Operations under the Airport and Airway Development Act
of 1970, as required by Section 24 of the Act.

Sincerely,



A handwritten signature in dark ink, reading "Brock Adams". The signature is written in a cursive, flowing style.

Brock Adams

Enclosure



THE SECRETARY OF TRANSPORTATION
WASHINGTON, D.C. 20590

April 8, 1977

Honorable Thomas P. O'Neill, Jr.
Speaker of the House
of Representatives
Washington, D. C. 20515

Dear Mr. Speaker:

I am pleased to transmit to you the Seventh Annual Report
of Operations under the Airport and Airway Development Act
of 1970, as required by Section 24 of the Act.

Sincerely,



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Brock Adams

Enclosure

TABLE OF CONTENTS

Introduction.....	1
The Airports Program.....	2
Airport Planning.....	3
National Airport System Plan (NASP).....	3
Planning Grant Program (PGP).....	5-6
Environmental Considerations.....	10-11
Airport Development Aid Program (ADAP).....	12-15
Primary Goals.....	15
Statutory Criteria.....	16-17
Program Criteria.....	17-18
Implementation.....	18
Significant Court Actions.....	19
ADAP Apportionments.....	20
Development Grant Activity.....	20
Expenditures for Grants-in-Aid Programs.....	20
 <u>CHARTS:</u>	
National Airport System Growth.....	4
State System Plans (PGP).....	7
Status of PGP Grants.....	8
PGP Funding and Performance.....	9
Distribution of Contract Authority for Air Carrier/Commuter Funds (ADAP).....	13
Distribution of Contract Authority for General Aviation/Reliever Funds (ADAP).....	14
Distribution of ADAP Funds.....	21
ADAP Funding and Performance.....	22
Key Provisions of Airport and Airway Development Act Amendments of 1976.....	23-28
Appendix A. Planning Grant Program (PGP) - Projects Placed Under Grant Agreement by State - FY 1976.....	29
Appendix B. Planning Grant Program - Projects Placed Under Grant Agreement - FY 1976.....	30-37
Appendix C. Planning Grant Program - Projects Placed Under Grant Agreement by State - Transition Quarter 1976.....	38
Appendix D. Planning Grant Program - Projects Placed Under Grant Agreement - Transition Quarter 1976.....	39-45
Appendix E. Summary Distribution of Fund Authorization - FY 1976 and the Transition Quarter.....	46
Appendix F. Airport Development Aid Program - Grant Agreements by State - FY 1976 and the Transition Quarter.....	47-49
Appendix G. Airports Grant-in-Aid Program - Projects Placed Under Grant Agreement - FY 1976 and the Transition Quarter.....	50-94
Appendix H. Airport Development Aid Program - Air Carrier - Status from Inception through September 30, 1976...	95-96
Appendix I. Airport Development Aid Program - General Aviation - Status from Inception through September 30, 1976...	97-98
Distribution: W-1 (Minus AP/GC); WAP-3; WGC-2; R-1; RAS-2; M-1; ZMS-411; FAS-1 (Minimum); External	

SEVENTH ANNUAL REPORT OF OPERATIONS
UNDER THE AIRPORT AND AIRWAY DEVELOPMENT ACT OF 1970
AS AMENDED BY THE AIRPORT AND AIRWAY DEVELOPMENT ACT
AMENDMENTS OF 1976

Section 24 of the Airport and Airway Development Act of 1970 (~~Public Law 91-258~~) requires that the Secretary, Department of Transportation, submit an annual report to Congress of operations under Part II of the Act for the preceding fiscal year. This report covers operations for the fiscal year ending June 30, 1976 and the Transition Quarter ending September 30, 1976.

INTRODUCTION

With the enactment of the Airport and Airway Development Act of 1970 (~~P.L. 91-258~~) the nation moved toward achieving an efficient and safe airport and airways system. Reflecting the role of aviation in the economy and the public benefit derived from safe and efficient operation, that statute (1) found the airport and airway system inadequate to meet the requirements of the then current and projected growth in aviation, (2) declared substantial expansion and improvement was required to meet the demands of interstate commerce, the postal service, and national defense, and (3) established an expanded program of federal matching grants to sponsors of airports serving commercial and general aviation. Moreover, the Act established a system of user taxes paid into a trust fund to provide an assured, long-term source of funding.

The Act has now been amended three times.

The Act was amended in 1971 (P.L. 92-174) to incorporate provisions involving the use, preservation, and priority for expenditure of funds from the trust funds. The Airport Development Acceleration Act of 1973 (P.L. 93-44) made further amendments to the 1970 Act, increasing annual authorizations for fiscal years 1974 and 1975 and increasing the Federal contribution for grants at most airports. Most recently the Airport and Airway Development Act Amendments of 1976 (P.L. 94-353 approved July 12, 1976) made several major changes to the Act, affecting among other things project eligibility, increased overall funding levels, distribution of funds, the project approval process, the percentage of the Federal contribution for most projects, extension of the planning grant program and the revisions to the National Airport System Plan.

THE AIRPORTS PROGRAM

The Airports Program covers the identification, planning, and development of the Nation's system of public airports to serve the needs of civil aviation in the fifty states, Guam, Puerto Rico, American Samoa, the Trust Territory of the Pacific Islands, and the Virgin Islands.

It is based primarily on provisions of the Airport and Airway Development Act of 1970 (Public Law 91-258), and the Airport and Airway Development Act Amendments of 1976 (P.L. 94-353) which amended P.L. 91-258. These laws provide legislative recognition of an important national need for improvement in the national airport and airway system. Airport system improvements aimed at increased system capacity and the accommodation of higher performance aircraft has been the goal of the Airports Program. Federal involvement is designed to assist municipalities and other public agencies that own and operate the civil airports of this country in funding airport planning and development that will (1) help assure environmental acceptability and (2) provide for increased safety in airport operations.

Principal activities in this program include: preparation of a National Airport System Plan and other airports planning activities; administering a program of grants-in-aid for airport planning and airport development engineering and safety standards; airport certification and inspection for safety of operations; participation in transfers of Federal land and property for civil airport use; field collection of data for the airport data program; assuring that public agencies receiving Federal assistance continue to operate their airports for the benefit of the public in accordance with their agreements and a general aviation grant state demonstration program.

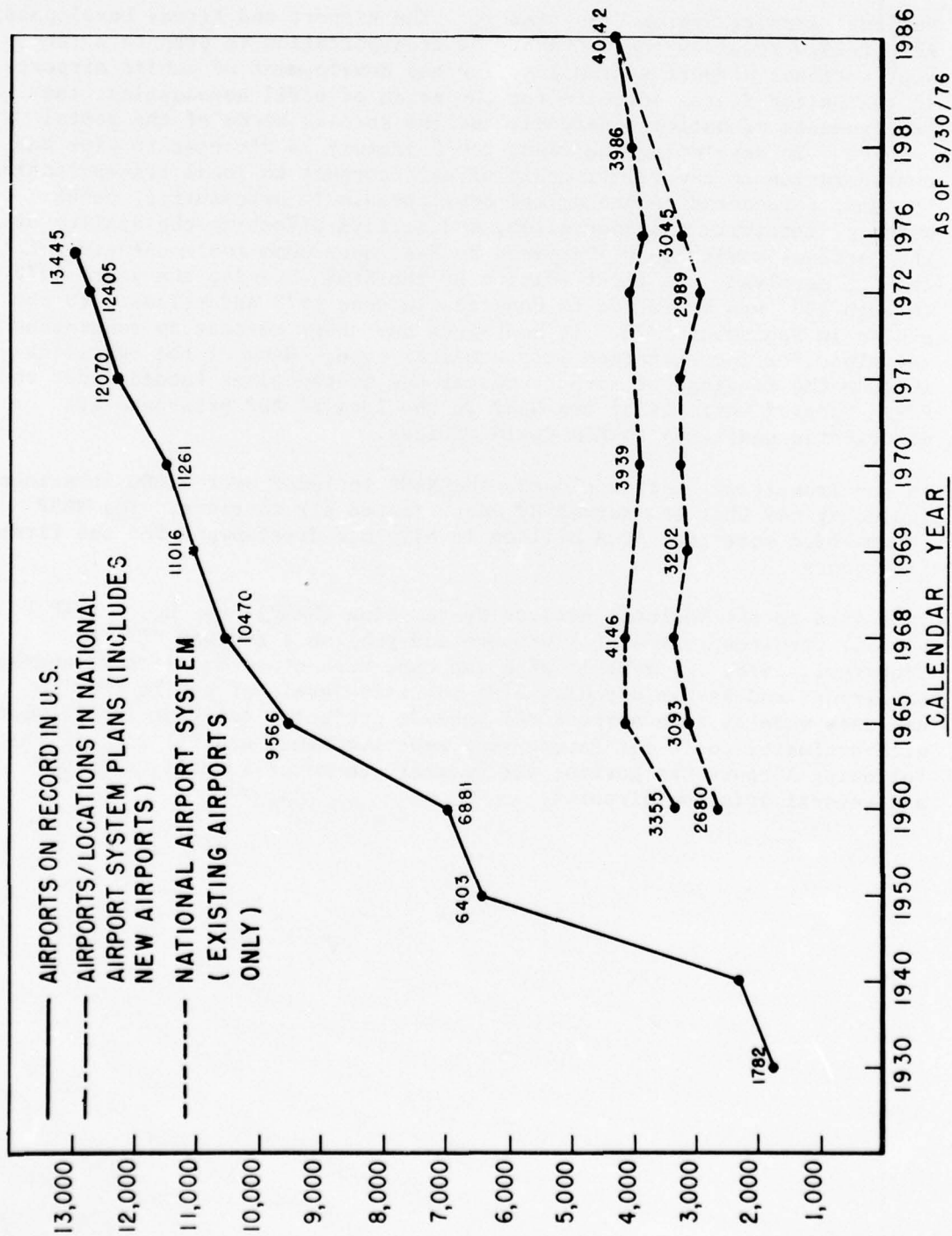
AIRPORT PLANNING

National Airport System Plan (NASP). The Airport and Airway Development Act of 1970 requires the Secretary of Transportation to prepare a ten-year national airport system plan for the development of public airports in the United States adequate for the needs of civil aeronautics, the requirements of national defense, and the special needs of the postal service. In developing the plan, the Secretary is directed to give due consideration to the relationship of each airport to local transportation systems, forecasted technological developments in aeronautics, other modes of intercity transportation, and factors affecting the quality of the national environment. Prepared by FAA, upon whom implementation of the Act devolved, the first edition of the NASP covering the years 1972 through 1982 was submitted to Congress in June 1973 and released to the public in September 1973. It has since been kept current by continuous revisions for incorporation into a master tape. Many of the revisions include the findings of airport master and system plans funded under the PGP. Updated editions of the NASP in the form of ADP printouts are distributed quarterly to FAA field offices.

As the Transition Quarter closed, the NASP included over 4,000 locations, including 649 that are served by certificated air carriers. The NASP recommended more than \$6.5 billion in eligible development for the first five years.

In regard to the National Airport System Plan (NASP), the new act (P.L. 94-353) requires that we (1) prepare and publish a revised NASP by January 1, 1978, (2) consult with the CAB, each state and Airport sponsor on airport and system planning, (3) identify levels of public service and uses made of each airport (4) include projected ten-year development with estimated costs for future year apportionments and (5) include the following Airport Categories; air carrier, commuter service, relievers and general aviation airports.

NATIONAL AIRPORT SYSTEM GROWTH



PLANNING GRANT PROGRAM (PGP)

The Airport and Airway Development Act of 1970 (Section 13) authorizes the FAA (through delegation from the Secretary of Transportation) to make grants to public and planning agencies for preparation of airport master and system plans. The program is designed to promote the effective location and development of publicly owned airports and to develop a national airport system plan.

Through the end of Fiscal Year 1975, \$40 million of the \$75 million authorized for the PGP had been appropriated. Unlike the Airport Development Aid Program, the authority to issue grants through the PGP did not expire on June 30, 1975. However, as of that date, obligations had been incurred for virtually the entire \$40 million which had been appropriated for the program. Consequently, continuation of the PGP in Fiscal Year 1976 was dependent upon receiving another appropriation.

In November 1975, a \$2.8 million appropriation was made available through the provisions of the continuing resolution for Fiscal Year 1976 (P.L. 94-41). The authority to obligate this money expired with the passage of the 1976 Department of Transportation Appropriations Act on November 24. During the period this money was available, 71 grants totaling \$2,483,555 were obligated. Fund recoveries from the closeout of prior year grants resulted in net obligations for Fiscal Year 1976 totaling \$2,329,724. The new grants included two state system plans and four regional/metropolitan system plans totaling \$518,959. The remaining \$1,964,596 was used to fund master planning efforts at 65 locations in 24 states. A breakdown of the projects is shown in Appendix B. No additional funds were made available for the remainder of the fiscal year.

On July 12, 1976, the Airport and Airway Development Act Amendments of 1976 (P.L. 94-353) were enacted. This law continued the PGP but made several changes related to the total program level, Federal participation rates, and state limitations. The changes increased:

- a. The program authorization from \$75 million to \$150 million.
- b. The U.S. share of system planning grants from 66 2/3 percent to 75 percent.
- c. The U.S. share of master planning grants from 66 2/3 percent to the same participation rate that would apply to airport development projects at the airport. (With the exception of the public land states, this rate would be either 75 percent or 90 percent)
- d. The limit on the amount of funds to be allocated in any one state during a fiscal year from 7.5 percent to 10 percent of the funds made available that year.

It was necessary to obtain an appropriation in order to issue grants under this revised authority. In lieu of acting on a separate PGP

appropriation for the Transitional Quarter, Congress elected to revise the language of the 1977 Department of Transportation's Appropriations Act. The language was revised so that the \$15 million earmarked for the PGP would become available immediately upon the passage of the Act. The Act was signed into law (P.L. 94-387) on August 14, and the Office of Management and Budget apportioned the funds on September 14. From this date to the end of the Transitional Quarter on September 30, 51 grants totaling \$3,760,836 were obligated in 25 states. Recoveries from the closeout of prior year grants result in net obligations for the Transitional Quarter totaling \$3,688,402. Four of these grants totaling \$590,764 went to states to develop state system plans. Two other grants totaling \$345,832 went to Metropolitan Planning Organizations for the development of metropolitan airport system plans. The remaining 45 grants were issued to airport sponsors to develop master plans. A breakdown of the individual grants issued during the Transitional Quarter is shown in Appendix D.

To ensure that airport planning is conducted in a highly coordinated fashion with other planning efforts, administration of the PGP requires continuing involvement in several Federal intermodal and comprehensive planning efforts. One of these efforts, the Unified Work Program (UWP), was created by the Department to promote integration of modal planning at the metropolitan level. This is accomplished by means of a single document which identifies all transportation and related planning activities that will be undertaken within a metropolitan area during an annual period. The incorporation of a proposed planning study under PGP in a unified work program is a prerequisite for funding of most metropolitan airport system planning efforts and certain master planning studies located within metropolitan areas.

During Fiscal Year 1976, two advisory circulars were published. The first circular stressed the importance of attaining early and substantive citizen participation in airport planning. The second explained advantages of establishing a planning process designed to monitor and update airport system plans on a continuing and comprehensive basis. The circular also discussed various approaches for initiating and conducting such an effort.

Major goals during the next fiscal year include promoting land use compatibility planning in the vicinity of airports as part of the master planning process and the establishment of continuous system planning processes at the state and metropolitan level.

[illegible]

STATUS OF PGP GRANTS
MASTER AND SYSTEM PLANS

<u>FISCAL YR</u>	<u>GRANTS ISSUED</u>	<u>GRANTS COMPLETED</u>	<u>PERCENT COMPLETED</u>
1971	42	37	88%
1972	180	134	74%
1973	273	173	63%
1974	277	102	37%
1975	286	28	10%
1976	71	0	0%
T.Q.	51	0	0%
TOTALS	<u>1180</u>	<u>474</u>	<u>40%</u>

DATA AS OF 9/30/76

PGP FUNDING AND PERFORMANCE

(IN MILLIONS)

<u>FISCAL YR</u>	<u>APPROPRIATION</u>	<u>NET OBLIGATIONS** CARRYOVER</u>
1971	10.0	3.6
1972	15.0	9.0
1973	15.0	9.6
1974	.0	8.2
1975	.0	9.6
1976	2.8 *	2.3
TQ	15.0	3.7
TOTAL	57.8	46.0
		11.8
		11.8

* AS A RESULT OF THE CONTINUING RESOLUTION
 ** NET OBLIGATIONS EQUAL NEW GRANTS MINUS RECOVERIES
 FROM THE CLOSEOUT OF EXISTING GRANTS.

DATA AS OF 9/30/76

ENVIRONMENTAL CONSIDERATIONS

All Federal airport development actions are subject to environmental consideration as required by the Airport and Airway Development Act of 1970, as amended, the National Environmental Policy Act of 1969 (NEPA), and numerous other laws and regulations. Section 16(c)(4) of the Airport and Airway Development Act and Reorganization Plan No. 3 (1970) require consultation with the Environmental Protection Agency and the Department of the Interior with regard to the effect that a project may have on natural resources associated with the location of an airport, location of a runway, or a major runway extension. Section 102(2)(C) of NEPA requires an environmental impact statement and a more comprehensive Federal review when an action would produce a significant impact on the human environment. Other laws have specific requirements relative to specialized concerns such as air quality, water quality, public recreational lands, coastal zones, and endangered and threatened species of plants and animals.

Initial review of airport development actions identifies the extent of environmental assessment and coordination required. This results in the preparation by FAA of a detailed environmental impact statement or a negative declaration. A negative declaration includes a finding that the proposed action does not significantly affect the quality of the human environment or otherwise require full coordination and review pursuant to Section 102(2)(C) of the National Environmental Policy Act of 1969. After initial processing, an environmental impact statement may be changed to a negative declaration if it is clearly established that the environmental considerations earlier identified have been eliminated or dealt with.

In FY 1976 and the Transition Quarter, approximately 660 environmental actions were processed as negative declarations. Another 16 airport actions were environmentally approved through full coordination procedures required by Section 102(2)(C) of NEPA.

Our commitment to dealing with environmental issues has resulted in utilizing court decisions and experience gained in dealing with controversial cases to improve the environmental process, to assure more thorough analysis and evaluation which has led to an improved ability to identify projects with negative or partial environmental impact early, and overall to speed the process. Nevertheless, some cases are so complex or controversial that the environmental clearance process has - and continues to be - a major factor, if not the sole factor, in delaying the achievement required by the system.

Court orders substantially delayed federally assisted ongoing airport development projects at Detroit Metropolitan-Wayne County Airport and Douglas Municipal Airport in Charlotte, North Carolina, because the environmental impact statements were considered inadequate. Federal

assistance for major development items at San Francisco was denied pending completion of an environmental impact statement encompassing the overall development plan. The Detroit case was resolved by processing, approval, and acceptance by the court of a detailed addendum to the environmental impact statement. Action on the other two are pending.

Environmental approval of the site for the proposed new airport for St. Louis in Columbia-Waterloo, Illinois, was delayed many months because of extensive controversy, as was a major runway project at Harry S. Truman Airport in St. Thomas, Virgin Islands. Local concerns over continued airfield improvements at Boston's Logan Airport resulted in a halt to certain of this development and establishment of a comprehensive policy relative to noise abatement and community relations. Controversy has delayed completion of environmental documentation for a new runway in Anchorage, Alaska, and replacement of the Everglades Jetport in Southeast Florida.

Concentration of effort on the projects with significant environmental consequences has had a delaying effect on the processing of more routine cases. As a partial move to alleviate this situation, procedures have been streamlined by redelegation to regions of environmental approval authority for the less sensitive airport projects initially delegated to the FAA Administrator by the Secretary of Transportation in September 1974. FAA's Assistant Administrator for Airports Programs has been given approval authority for those projects for which the Office of the Secretary has retained a concurrent function. These include new airports and expansion of air carrier airports in metropolitan areas and projects opposed by government agencies on environmental grounds. A large number of project categories with little or no adverse environmental impact potential and previously covered by negative declarations have now been excepted altogether from formalized environmental assessment.

To upgrade planning expertise, FAA is developing improved guidance through advisory publications and training sessions. Revised order 5050.2B, "Instructions for Processing Airport Development Actions Affecting the Environment," was published in the Federal Register on October 21, 1976, containing instructions for processing airport environmental actions. Additional guidance is being prepared under contract, including model environmental impact statement to assist sponsors in assessing various types of airport projects. An environmental training program for agency personnel and others has been developed and is being given regularly at the FAA Academy in Oklahoma City.

AIRPORT DEVELOPMENT AID PROGRAM

Section 14 of the Airport and Airway Development Act of 1970, as amended, authorizes the Secretary of the Department of Transportation to make airport development grants in order to bring about, in conformity with the National Airport System Plan (NASP), the establishment of a nationwide system of public airports adequate to meet the present and future needs of civil aeronautics. The Airport and Airway Development Act Amendments of 1976 (P.L. 94-353), enacted on July 12, will have a considerable impact on the Airport Development Aid Program (ADAP). This Act, the third amendment to the Airport and Airway Development Act of 1970, contains additional funding and adds several new eligible items of development.

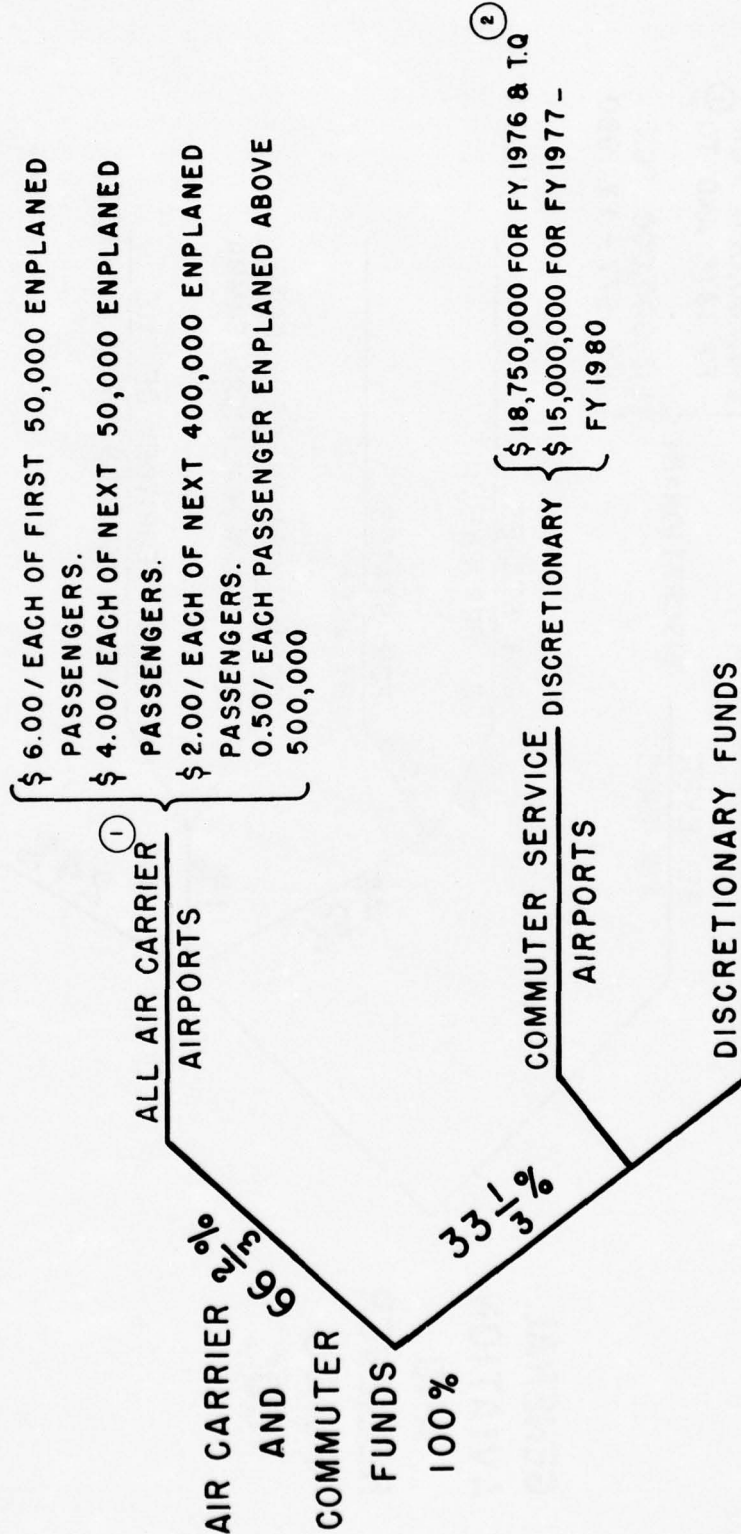
The 1976 amendment raised the annual program level from \$310 million, established in 1973, to a range of \$500 million to \$610 million over the 5-year period through Fiscal Year (FY) 1980. This provides \$435 to \$525 million annually for airports serving all segments of aviation including a category of air carrier airports identified as commuter. It further provides \$65 million to \$85 million annually for general aviation airports including airports that relieve congestion at high density locations. (Charts on pages 14 and 15 show the percentage distribution of the annual contract authority in accordance with Section 15a(3) and 15a(4) respectively.) It also revised the percentage of Federal participation in eligible airport development upward from previous levels of 50 and 75 percent. ADAP participation at all except the busiest airports is 90 percent until September 30, 1978, and then drops to 80 percent for FY 1979 and 1980. Air carrier airports other than commuter airports whose total annual passenger enplanements are one-quarter of one percent or more of the total annual passenger enplanements of all such airports receive Federal participation at 75 percent. There are slight upward adjustments in a few states containing a high percentage of public land that results in Federal participation up to 93.75 percent of project costs.

In the case of airport development projects involving safety and/or security equipment, the 1976 amendment provided for the same rate of Federal participation as for other items of development. This revises a 1973 amendment that allowed 82 percent funding for these purposes.

The following items were made eligible under the 1976 amendment: (1) snow removal equipment; (2) noise suppressing equipment; (3) physical barriers and landscaping to diminish the effect of aircraft noise; and, (4) terminal, development (including multi-modal terminal development) limited to nonrevenue producing public use areas directly related to passenger movement at airports serving air carriers certificated by the CAB. (A maximum of 50 percent Federal share is allowed for terminal development with no more than 60 percent of a sponsor's enplanement funds for any fiscal year to be obligated for this purpose.)

DISTRIBUTION OF CONTRACT AUTHORITY FOR AIR CARRIER / COMMUTER FUNDS (ADAP)

(SECTION 15 (a) (3))

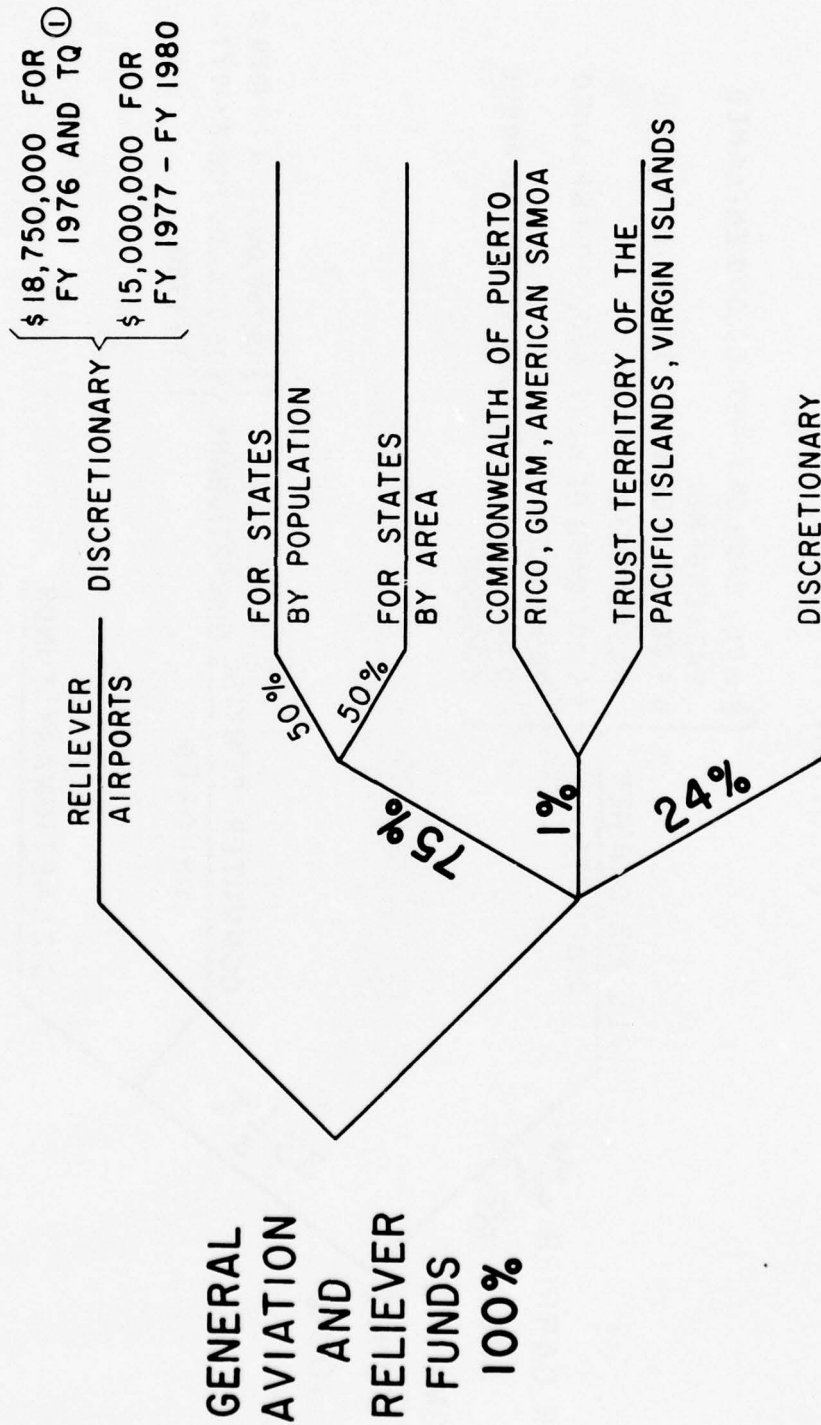


① NO AIRPORTS SERVING AIRCRAFT HEAVIER THAN 12500 LBS SHALL RECEIVE LESS THAN \$150,000 OR MORE THAN \$10 MILLION. AIRPORTS SERVING AIRCRAFT LESS THAN 12500 LBS SHALL RECEIVE NO LESS THAN \$50,000 OR MORE THAN \$10 MILLION. THE LOWER FIGURES HOWEVER, WILL BE SUBJECT TO THE 66 2/3 % FUNDING RESTRICTION.

② TRANSITION QUARTER.

DISTRIBUTION OF CONTRACT AUTHORITY
FOR GENERAL AVIATION/RELIEVER FUNDS (ADAP)

(SECTION 15,(a),(4))



① TRANSITION QUARTER

The latest amendment also allows a maximum of four states to administer the general aviation airport development portion of ADAP within their states. This State Demonstration Program will be evaluated and findings are to be reported to Congress by March 31, 1978.

Four special studies are authorized by the amendment. They are related to (1) airport land banking; (2) establishment of major new U.S. airports; (3) soundproofing public buildings near airports; and, (4) airports threatened with closure. The results of the first three studies must be reported to Congress by July 12, 1977, and results of the airport closure study must be reported to Congress by January 1, 1978.

The amendments permit certifications to be accepted from sponsors indicating that they will comply with all program statutory and administrative requirements. Other significant ADAP provisions of the amendment are: allowance for multi-year grants for projects extending over several years; and funding for grants to states to assist them to develop their own general aviation airport development standards, other than standards for safety of approaches. A maximum of \$25,000 may be granted to a single state for development of standards.

PRIMARY GOALS

The primary goals of the ADAP are to:

Encourage the development and implementation of airport development programs consistent with national transportation goals and with goals determined locally through areawide planning programs.

Assist investments of airport sponsors in airport facilities.

Improve the safety and economic efficiency of the system by encouraging uniformity in development within appropriate safety and design standards.

Promote the timely development of airport facilities needed to minimize delays due to congestion in the system.

Assure consistency of airport development with other aviation facility installations programmed under the Facilities and Equipment Program for the Federal Aviation Administration (FAA).

Assure permanency of the national airport system by financially assisting in the acquisition of nonpublic-owned airports needed for the system.

Mitigate, to the extent practical, adverse environmental effect of aircraft operations.

STATUTORY CRITERIA

The statutory criteria relating to the ADAP are:

The project has to be reasonably consistent with plans (existing at the time of approval of the project) of planning agencies for the development of the area in which the airport is located and has to contribute to the accomplishment of the purposes of these requirements.

Sufficient funds must be available for that portion of the project costs which will not be paid by the United States.

The project has to be completed without undue delay.

The public agency or agencies which submit the project application must have legal authority to engage in the airport development as proposed.

All project sponsorship requirements prescribed by or under the authority of the Secretary have to be met.

A public agency, or the United States or an agency thereof, must hold good title to the landing area of the airports or the site thereof, or give assurance satisfactory to the Secretary that good title will be acquired.

The project has to include provision for installation of the landing aids specified in the Act and determined by the Secretary to be required for the safe and efficient use of the airport by aircraft, taking into account the category of the airport and the type and volume of traffic utilizing the airport.

Fair consideration must be given to the interest of communities in or near which the project may be located.

The Secretary will not approve a project involving airport location, a major runway extension, or runway location if, after consultation with the Secretary of Health, Education and Welfare (HEW) (function has been delegated to Environmental Protection Agency (EPA)) and the Secretary of Interior it is found to have an adverse effect on natural resources; including but not limited to fish and wildlife, natural, scenic and recreation assets, water and air quality, and other factors affecting the environment, unless the Secretary, following a full and complete review, renders a finding which would be a matter of public record that no feasible and prudent alternative exists and that all possible steps will be taken to minimize such adverse effect.

The public agency sponsoring the project, if it involves airport location, and airport runway, or a runway extension, has to certify to the Secretary that there was afforded the opportunity for public hearings for the purpose of considering the economic, social and environmental effects of the airport location and consistency with the goals and objectives of such urban planning as has been carried out by the community.

The Secretary will not approve any project involving airport location, major runway extension, or runway location unless the Governor of the state in which such project is located certifies, in writing to the Secretary, that there is reasonable assurance that the project will be located, designed, constructed and operated so as to comply with applicable air and water quality standards. Where no state standards are approved or where such standards were promulgated by the Secretary of Interior or the Secretary of HEW (function delegated to the EPA), certification will be obtained from the appropriate Secretary. Notice of certification or of refusal to certify will be provided within 60 days after the project application is received by the Secretary.

The Secretary conditionally approves any such project application based on compliance during construction and operation with applicable air and water quality standards.

Airport development is included in the National Airport System Plan and complies with the airport development standards formulated or approved by the Secretary of Transportation.

As a condition precedent to approval of airport development projects, sponsors must give written assurances to the Secretary as shown in Section 18 of the Act. There must be consultation with air carrier operators at air carrier airports and fixed based operators on general aviation airports prior to making a decision regarding any proposed development.

PROGRAM CRITERIA FOR ADAP

The interest of the Congress in this important grant program is readily recognized by the detail and comprehensiveness of the guidelines (statutory criteria) set forth in the Airport and Airway Development Act of 1970, as amended. The most significant program criteria in support of these guidelines relates to agency policy in selecting from among competing projects when requests for aid exceed available Federal funding. The priority strategy for distribution of resources under the Act gives recognition to the needs of all segments of aviation.

Priorities are determined from a numerical rating table through which various factors are weighed, such as work essentiality, National Airport System Plan code, and timing of need. This process is not purely a mathematical computation, but rather the exercise of judgemental discretion in the application of these guidelines.

Programs of approved projects are developed on a continuing basis and allocations announced periodically. All requests within a given state, when projects meet basic eligibility requirements, are assigned a priority rating and programmed to the extent of available funds. Programs are monitored on a national basis to assure that the priority level of projects is uniformly applied throughout the Nation.

In addition to applying these priorities in the processing of requests for aid, they are also recognized as a guide in issuing grant offers when funding limitations are imposed on agency programs.

IMPLEMENTATION

Policy and procedures for administering the ADAP developed and published in Part 152, Federal Aviation Regulations, including guidance on : (1) procedures for submission of requests for aid; (2) consideration of environmental effects; (3) eligibility of navigation aids; (4) landing aid requirements; (5) requirements for public hearings to consider the social, economic and environmental aspects of proposed airport development; (6) applicability and effect of the Uniform Relocation and Real Property Acquisition Policies Act; and, (7) project approval.

SIGNIFICANT COURT ACTIONS INVOLVING THE ADAP

In an action initiated in April 1975, the City of Los Angeles sued for, and obtained, a temporary restraining order, preliminary injunction and finding, by memorandum opinion dated June 23, 1975, for award of \$9.585 million claimed due as entitlement to enplanment funds apportioned pursuant to Section 15 of the Airport and Airway Development Act of 1970. The suit was brought against the Secretary of Transportation and others and raised the issue of whether yearly limitations imposed by Section 302 of the Department of Transportation (DOT) Appropriations Act constitute effective control of the Secretary's discretion to program the obligation of enplanment funds.

Section 15 of the Airport and Airway Development Act of 1970 provides that enplanment funds be held only for the air carrier airport sponsor to whom an apportionment is made, for the current and the next succeeding two years. Section 14 of the Act establishes that the Secretary is authorized to make grants in aggregate amounts not less than the totals prescribed for each year. Where the airport sponsor "saves" yearly apportionments, the obligational ceiling imposed by Section 302 of the DOT Appropriations Act precludes obligations totaling the sums prescribed in Section 14. The Secretary contended that the dilemma, or paradox contributed to a cumulative sum of \$193.7 million made available for obligation in prior years, but not obligated, which could not be obligated in FY 1975 because of the Section 302 limitations. The Court held, however, by virtue of its memorandum opinion, that Section 302 of the DOT Appropriations Act does not alter the obligation power and therefore constitutes no prohibition against the obligation of the \$193.7 million sum in the trust fund.

In obedience to the judgement of United States District Court Judge Barrington D. Parker, the FAA entered into a grant agreement in the amount of \$9.585 million with the City of Los Angeles.

Following the Court's decision in this case, Dade County, Florida, and the Jacksonville Port Authority, Jacksonville, Florida, filed applications for temporary restraining orders and injunctions seeking the award of judgements in the amounts of \$5,024,782 and \$290,000 respectively, on the same basis as relied upon by the City of Los Angeles. The Court issued an order and afterward ruled in favor of Dade County but denied the Jacksonville Port Authority's request for a temporary restraining order on the basis that certain defects in the Authority's case militated against the Authority. Jacksonville has appealed the decision to deny.

A Notice of Appeal was filed by the Federal Government in both the Los Angeles and Dade County cases. Accordingly, final resolution of the issues raised in the above cases is pending disposition of the matter by the United States Court of Appeals.

Airport Development Aid Program Apportionments for Fiscal Year 1976
and the Transition Quarter

Appendix E to this report provides the apportionments of the \$500 million authorization for Fiscal Year 1976 and the Transition Quarter under the Airport Development Aid Program for airport development projects. Each air carrier airport sponsor and the Governor of each state, or the chief executive officer of the equivalent jurisdiction, were notified of the sums apportioned in accordance with Section 15(a)(3)(A) and Section 15(a)(4)(A) of the Airport and Airway Development Act of 1970, as amended.

Fiscal Year 1976 and Transition Quarter Development Activity

Under the Airport Development Aid Program, obligations amounted to \$416.3 million, of which \$411.7 million was for 525 new grant agreements and \$4.6 million for up to 10 percent increases in existing ADAP grant agreements. The new grant agreements utilized approximately \$351.0 million for 335 projects at air carrier airports, including 34 projects at commuter airports, and \$60.7 million for 190 projects at general aviation airports, including 29 projects at reliever airports.

In addition to the funds obligated during Fiscal Year 1976 and the Transition Quarter, commitments for future years' obligations through multi-year grant agreements and advance programming were made to sponsors in the amount of \$36.4 million.

ADAP requests filed by sponsors that remained unsatisfied at the end of the Transition Quarter amounted to \$576.2 million for 587 requests.

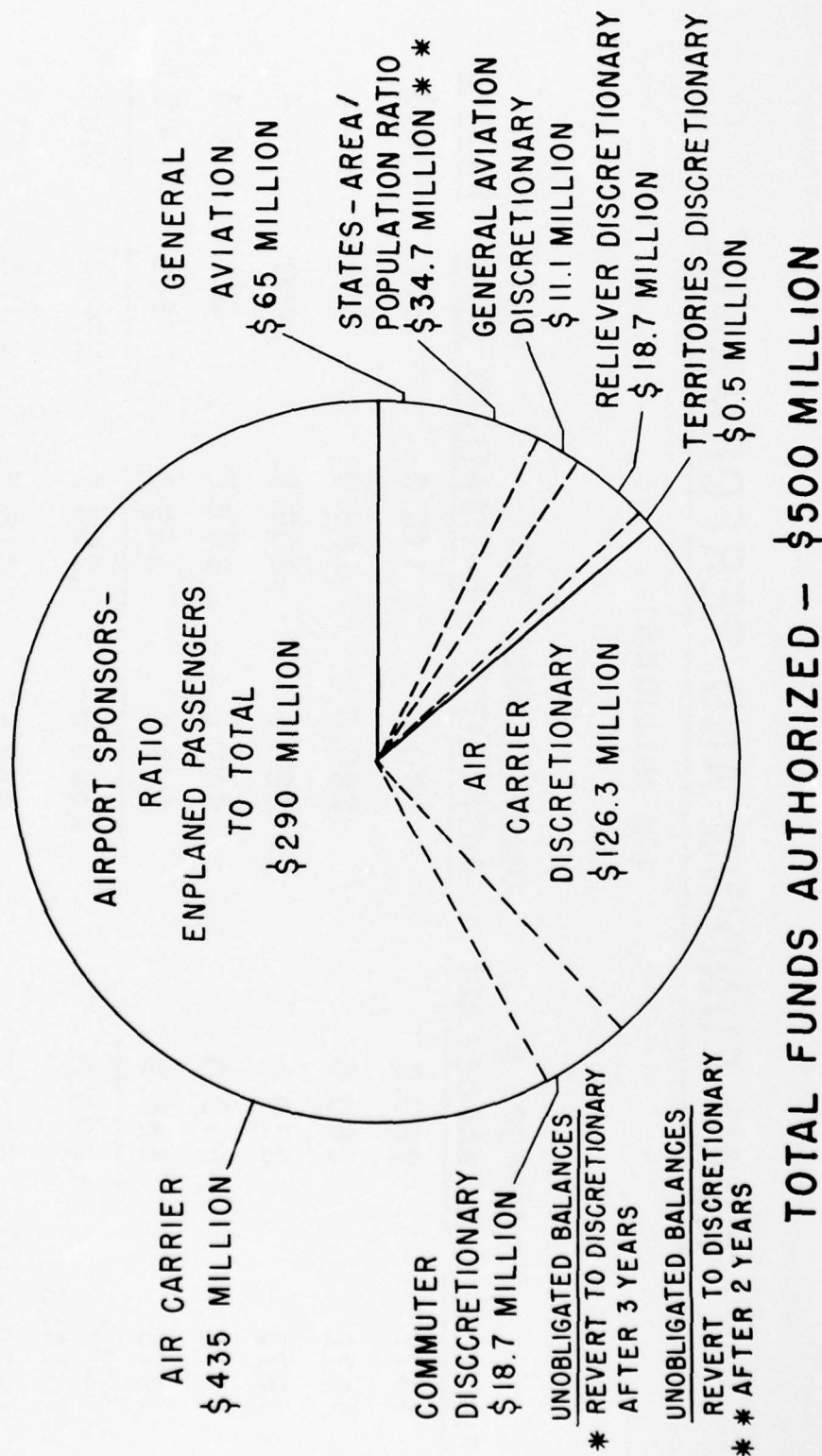
The 525 airport development projects for which grant agreements were executed during Fiscal Year 1976 and the Transition Quarter are summarized in Appendix F by State and listed in Appendix G with descriptive work items.

Expenditures for Grants-in-Aid Programs

The following are the cash outlays made for the grants-in-aid programs under Public Laws 94-134 and 94-157 for Fiscal Year 1976 and the Transition Quarter.

	<u>Thousands</u>
Airport Development Aid Program	\$278,158.3
Planning Grant Program	16,109.3

AIRPORT DEVELOPMENT AID PROGRAM
FISCAL YEAR 1976 AND TRANSITION QUARTER
AUTHORIZED UNDER P.L. 94-353



ADAP FUNDING AND PERFORMANCE

(IN MILLIONS)

<u>FISCAL YR</u>	<u>AIRPORT & AIRWAY DEV ACT</u>	<u>OBLIGATIONAL AUTHORITY</u>	<u>NET OBLIGATIONS</u>	<u>NO. OF PROJ.</u>	<u>BALANCE</u>
1971	280.0	170.0	170.0	231	110.0
1972	280.0	280.0	280.0	464	—
1973	280.0	280.0	206.6	450	73.4
1974	310.0	300.0	299.7	646	10.3
1975	335.0	339.9	339.9	643	-(4.9)
5 YEAR					
TOTALS	1,485.0	1,369.9	1,296.2	2,434	188.8
* 1976 + TQ	500.0	437.5	416.3	525	83.7
* AUTHORIZATION OBTAINED JULY 12, 1976 UNDER P.L. 94-353				2,959	

DATA AS OF 9/30/76

KEY PROVISIONS

"AIRPORT AND AIRWAY DEVELOPMENT ACT AMENDMENTS OF 1976"

<u>FUNDING LEVELS (\$ MILLIONS)</u>	<u>'76 (+TQ)</u>	<u>'77</u>	<u>'78</u>	<u>'79</u>	<u>'80</u>
• ADAP (DEVELOPMENT):	500	510	540	575	610
AIR CARRIER	435	440	465	495	525
GENERAL AVIATION	65	70	75	80	85
• PGP (PLANNING):	(15)	15	15	15	15
• STATE GA STANDARDS	\$1,275,000.				

FUNDS DISTRIBUTION (ADAP)

- AIR CARRIER: 2/3 ENPLANEMENT APPORTIONMENTS (FORMULA)
1/3 DISCRETIONARY (\$15 MILLION RESERVED FOR COMMUTERS)
- GENERAL AVIATION: \$15 MILLION - RELIEVERS (OFF TOP).
75% STATE APPORTIONMENTS (AREA/POP. RATIO).
24% DISCRETIONARY.
1% U.S. ISLANDS AND TERRITORIES.

OBLIGATING AUTHORITY

5-YEAR PROGRAM AUTHORIZATION - 9/30/80

MULTI-YEAR PROJECT FUNDING

SPONSORS' NOTIFICATION OF APPORTIONMENTS DUE BY APRIL 1st
NEW LEGISLATION NEEDED FOR DISCRETIONARY FUNDS IN FY 1980
TERMINAL DEVELOPMENT LIMITED TO 60% OF AC SPONSORS' APPORTIONMENT
STATE LIMITED TO: 10% PGP FUNDS; AND \$ 25,000 FOR GA STANDARDS

FEDERAL SHARE (ADAP AND PGP PROJECTS)

75%: AIR CARRIERS ENPLANING . 25% OR MORE TOTAL ANNUAL PASSENGERS

AIRPORT SYSTEM PLANS

STATE GA STANDARDS DEVELOPMENT

* 90%/80%: AIR CARRIERS ENPLANING LESS THAN .25% TOTAL ANNUAL PASSENGERS,
COMMUTER, RELIEVERS, AND OTHER GA AIRPORTS

50% AIR CARRIER TERMINAL AREA DEVELOPMENT

* 90% REDUCE TO 80% FOR FY '79 AND '80

NEW DEFINITIONS/ PROJECT ELIGIBILITY

- AIR CARRIER AIRPORT: INCLS. "COMMUTER SERVICE" AND LONG BEACH, CALIFORNIA.
- COMMUTER SERVICE AIRPORT: CAB 401(a) EXEMPTION; 2,500 ANNUAL ENPLANEMENTS.
- ADAP ELIGIBLE: SNOW REMOVAL EQUIPMENT.
 - NOISE SUPPRESSION EQUIPMENT.
 - PHYSICAL BARRIERS AND LANDSCAPING (NOISE)
 - LAND ACQUISITION FOR NOISE COMPATIBILITY.
 - AIR CARRIER TERMINAL AREA DEVELOPMENT.
- PGP ELIGIBLE: LAND USE STUDIES (AIRPORT MASTER PLANNING).
- AIRPORT STANDARDS: STATE DEVELOPED GA AIRPORT STANDARDS.

TERMINAL AREA DEVELOPMENT (AIR CARRIER)

- ALLOWABLE PROJECTS: NONREVENUE PRODUCING, PUBLIC-USE AREAS FOR
MOVEMENT OF PASSENGERS AND BAGGAGE WITHIN AIRPORT.
- SPONSOR CERTIFICATION: REQUIRED SAFETY AND SECURITY EQUIPMENT ACQUIRED.
GENERAL AVIATION ACCESS TO TERMINAL FACILITIES
PROVIDED.
- INDEBTEDNESS RETIREMENT: NO DELAY IN AIRFIELD DEVELOPMENT. NO FUNDING
OF TERMINAL AREA FOR FOLLOWING 3 YEARS.

NO. 3

PROJECT APPROVAL/STANDARDS

- AIRPORT IS IN REVISED NASP.
- PROJECT MEETS FAA OR APPROVED STATE GA DEVELOPMENT STANDARDS.
- AIRPORT USERS CONSULTED: AIR CARRIER — AIRLINES.
GENERAL AVIATION — FBOs.
- FEDERAL SHARE NOT INCLUDED IN AIRPORTS' RATES, FEES, ETC.
- NO DISCRIMINATION IN AIRPORTS' CHARGES AND REGULATIONS.
- AFFIRMATIVE CIVIL RIGHTS ACTION TAKEN.
- PRESENT ENVIRONMENTAL REQUIREMENTS HAVE BEEN MET.
- SPONSOR'S CERTIFICATION AUTHORIZED — THAT IT WILL COMPLY WITH ALL
STATUTORY AND ADMINISTRATIVE REQUIREMENTS IMPOSED UNDER THE ACT.

AIRPORT SAFETY/SECURITY EXEMPTIONS (FEDERAL AVIATION ACT OF 1958)

- SECTION 612 (C/F/R) — AIR CARRIERS' ENPLANING <.25 % OF TOTAL, IF
UNREASONABLY COSTLY, BURDENSOME OR IMPRACTICAL.
- SECTIONS 315/316 (SECURITY) — ALASKAN AIR CARRIERS ENPLANING <.25 %
OF TOTAL, WITHIN THE STATE.

NATIONAL AIRPORT SYSTEM PLAN (NASP)

- PREPARE AND PUBLISH REVISED NASP BY 1/1/78.
- CONSULT WITH CAB, EACH STATE AND AIRPORT SPONSOR.
- IDENTIFY LEVEL OF PUBLIC SERVICE AND USES MADE OF EACH AIRPORT.
- INCLUDE PROJECTED 10-YEAR DEVELOPMENT- WITH ESTIMATED COSTS SUFFICIENTLY ACCURATE FOR FUTURE YEAR APPORTIONMENTS.
- INCLUDE FOLLOWING AIRPORT CATEGORIES:

AIR CARRIERS

COMMUTER SERVICE

RELIEVERS

GENERAL AVIATION

STATE DEMONSTRATION PROGRAM (GENERAL AVIATION)

DELEGATION OF ADAP GRANT ADMINISTRATION FOR GA TO 4 STATES

MUST MEET SECRETARY'S REQUIREMENTS

NO FUNDING OF STATE ADMINISTRATIVE COSTS

RESULTS OF DEMONSTRATION TO CONGRESS BY 3/31/78

DEMONSTRATION PROJECT / SPECIAL STUDIES

\$ 3 MILLION - MULTI-MODAL TERMINAL DEMONSTRATION PROJECT, SOUTH
BEND, INDIANA

PENDING AIRPORT CLOSURES STUDY; REPORT TO CONGRESS BY 1/1/78

OTHER STUDIES DUE TO CONGRESS IN ONE YEAR

LANDBANKING

NEW MAJOR AIRPORTS

SOUNDPROOFING

APPENDIX A
PLANNING GRANT PROGRAM
PROJECTS PLACED UNDER GRANT AGREEMENT
BY STATE

FISCAL YEAR 1976

<u>State</u>	<u>No. of Projects</u>	<u>Federal Funds</u>
ALABAMA	2	\$ 52,507
ARKANSAS	2	61,066
CALIFORNIA	4	98,676
COLORADO	1	19,295
GEORGIA	2	29,333
IDAHO	1	34,637
IOWA	4	53,093
KANSAS	2	21,803
KENTUCKY	1	12,000
LOUISIANA	5	314,202
MINNESOTA	3	37,237
MISSOURI	6	111,244
MONTANA	2	42,478
NEVADA	2	24,426
NEW MEXICO	1	19,981
NEW YORK	4	193,908
OHIO	2	602,566
OKLAHOMA	5	243,333
OREGON	4	70,980
SOUTH CAROLINA	3	36,020
TENNESSEE	1	15,578
TEXAS	6	176,873
VERMONT	1	36,000
WASHINGTON	7	<u>176,319</u>
NATIONAL TOTAL.	71.	\$2,483,555

APPENDIX B
PLANNING GRANT PROGRAM
PROJECTS PLACED UNDER GRANT AGREEMENT

FISCAL YEAR 1976

<u>STATE</u> <u>NAME OF AIRPORT</u> <u>OR PLANNING AREA</u> <u>LOCATION</u> <u>SPONSOR</u>	<u>TYPE</u> <u>OF</u> <u>AIRPORT</u>	<u>FEDERAL</u> <u>FUNDS</u>	<u>TYPE</u> <u>STUDY</u>
<u>ALABAMA</u>			
Bates Field Mobile, Alabama City of Mobile	Air Carrier	\$34,128	Airport Master Plan
Mobile Aerospace Airport Mobile, Alabama City of Mobile	General Aviation	\$18,379	Airport Master Plan
<u>ARKANSAS</u>			
Adams Field Little Rock, Arkansas City of Little Rock	Air Carrier	\$50,400	Airport Master Plan
Paragould Municipal Airport Paragould, Arkansas City of Paragould	General Aviation	\$10,666	Airport Master Plan
<u>CALIFORNIA</u>			
Bryant Field Bridgeport, California County of Mono	General Aviation	\$12,667	Airport Master Plan
Buchanan Field Concord, California County of Contra Costa	General Aviation	\$30,000	Airport Master Plan
Mammoth Lakes Airport Mammoth Lakes, California County of Mono	General Aviation	\$31,333	Airport Master Plan
Merced Municipal Airport Merced, California City of Merced	Air Carrier	\$24,676	Airport Master Plan

APPENDIX B

COLORADO

Alamosa Municipal Airport
Alamosa, Colorado
City of Alamosa

Air
Carrier

\$19,295

Airport
Master Plan

GEORGIA

Washington-Wilkes County Airport
Washington, Georgia
City of Washington

General
Aviation

\$16,000

Airport
Master Plan

Burke County Airport
Waynesboro, Georgia
County of Burke

General
Aviation

\$13,333

Airport
Master Plan

IDAHO

Pocatello Municipal Airport
Pocatello, Idaho
City of Pocatello

Air
Carrier

\$34,637

Airport
Master Plan

IOWA

Wayne County Airport (New)
Corydon, Iowa
County of Wayne

General
Aviation

\$10,000

Airport
Master Plan

Davenport Municipal Airport
Davenport, Iowa
City of Davenport

General
Aviation

\$23,333

Airport
Master Plan

Oskaloosa Municipal Airport
Oskaloosa, Iowa
City of Oskaloosa

General
Aviation

\$13,760

Airport
Master Plan

Shenandoah Municipal Airport
Shenandoah, Iowa
City of Shenandoah

General
Aviation

\$ 6,000

Airport
Master Plan

KANSAS

Ft. Scott Municipal Airport
Ft. Scott, Kansas
City of Ft. Scott

General
Aviation

\$ 8,727

Airport
Master Plan

Manhattan Municipal Airport
Manhattan, Kansas
City of Manhattan

Air
Carrier

\$13,076

Airport
Master Plan

APPENDIX B

KENTUCKY

Tompkinsville-Monroe County Airport Tompkinsville, Kentucky Tompkinsville-Monroe County Airport Board	General Aviation	\$12,000	Airport Master Plan
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LOUISIANA

Baton Rouge (New) Baton Rouge, Louisiana State of Louisiana and Parish and City of Baton Rouge	General Aviation	\$25,406	Airport Master Plan
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La Fourche Parish (New) Golden Meadow, Louisiana State of Louisiana and La Fourche Parish Police Jury	General Aviation	\$30,000	Airport Master Plan
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Leesville Municipal Airport Leesville, Louisiana State of Louisiana and Town of Leesville	General Aviation	\$18,000	Airport Master Plan
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New Orleans International Airport New Orleans, Louisiana State of Louisiana and City of New Orleans	Air Carrier	\$184,796	Airport Master Plan
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New Westwego, Louisiana State of Louisiana and Jefferson Parish Council	General Aviation	\$56,000	Airport Master Plan
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MINNESOTA

Little Falls Municipal Airport Little Falls, Minnesota County of Morrison and City of Little Falls	General Aviation	\$12,168	Airport Master Plan
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Mora Municipal Airport Mora, Minnesota City of Mora	General Aviation	\$ 9,600	Airport Master Plan
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Red Wing Municipal Airport Red Wing, Minnesota City of Red Wing	General Aviation	\$15,469	Airport Master Plan
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APPENDIX B

MISSOURI

New Chillicothe, Missouri City of Chillicothe	General Aviation	\$10,772	Airport Master Plan
Columbia Regional Airport Columbia, Missouri City of Columbia	Air Carrier	\$20,000	Airport Master Plan
New Doniphan, Missouri City of Doniphan	General Aviation	\$12,846	Airport Master Plan
New Madrid County Airport New Madrid, Missouri New Madrid County Court	General Aviation	\$12,750	Airport Master Plan
Springfield Municipal Airport Springfield, Missouri City of Springfield	Air Carrier	\$42,000	Airport Master Plan
Skyhaven Airport Warrensburg, Missouri Central Missouri State University	General Aviation	\$12,876	Airport Master Plan

MONTANA

White Sulphur Springs Airport White Sulphur Springs, Montana County of Meagher and City of White Sulphur Springs	General Aviation	\$ 7,000	Airport Master Plan
Montana Airport System Plan State of Montana Montana Division of Aeronautics		\$35,478	Airport System Plan

NEVADA

Hawthorne Municipal Airport Hawthorne, Nevada County of Mineral	General Aviation	\$12,000	Airport Master Plan
Jackpot Airport Jackpot, Nevada County of Elko	General Aviation	\$12,426	Airport Master Plan

APPENDIX B

NEW MEXICO

West Mesa Airport Albuquerque, New Mexico County of Bernalillo	General Aviation	\$19,981	Airport Master Plan
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NEW YORK

New Auburn, New York County of Cayuga	General Aviation	\$23,266	Airport Master Plan
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Genesee County Airport Batavia, New York County of Genesee	General Aviation	\$24,992	Airport Master Plan
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Chautauqua County Airport Jamestown, New York County of Chautauqua	Air Carrier	\$26,401	Airport Master Plan
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Tri-State Region Tri-State Regional Planning Commission		\$119,249	Regional Airport System Plan
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OHIO

New Cleveland, Ohio Lake Erie Regional Transportation Authority	Air Carrier	\$515,000	Airport Master Plan
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Cincinnati Metropolitan System Plan Ohio-Kentucky-Indiana Regional Council of Governments		\$87,566	Metropolitan System Plan
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OKLAHOMA

Lindsay Municipal Airport Lindsay, Oklahoma City of Lindsay	General Aviation	\$12,000	Airport Master Plan
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Ponca City Municipal Airport Ponca City, Oklahoma City of Ponca City	Air Carrier	\$10,000	Airport Master Plan
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Stroud Municipal Airport Stroud, Oklahoma City of Stroud	General Aviation	\$12,667	Airport Master Plan
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APPENDIX B

Tahlequah Municipal Airport Tahlequah, Oklahoma City of Tahlequah	General Aviation	\$12,000	Airport Master Plan
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Oklahoma State System Plan Oklahoma Aeronautics Commission		\$196,666	State System Plan
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OREGON

Ashland Municipal- Sumner Park Field Ashland, Oregon City of Ashland	General Aviation	\$12,000	Airport Master Plan
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Roseburg Municipal Airport Roseburg, Oregon City of Roseburg	General Aviation	\$27,640	Airport Master Plan
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McNary Field Salem, Oregon City of Salem and Mid Willamette Valley Council of Governments	Air Carrier	\$11,340	Airport Master Plan
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Portland, Oregon, Area Columbia Region Association of Governments		\$20,000	Regional System Plan (IGA)
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SOUTH CAROLINA

Barnwell County Airport Barnwell, South Carolina Board of Commissioners of Barnwell County	General Aviation	\$16,462	Airport Master Plan
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Chester County Airport Chester, South Carolina City of Chester	General Aviation	\$ 9,498	Airport Master Plan
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Walterboro Municipal Airport Walterboro, South Carolina City of Walterboro	General Aviation	\$10,060	Airport Master Plan
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TENNESSEE

Monroe County Airport Madisonville, Tennessee County of Monroe	General Aviation	\$15,578	Airport Master Plan
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APPENDIX B

TEXAS

Alice International Airport Alice, Texas County of Jim Wells and City of Alice	General Aviation	\$24,000	Airport Master Plan
Hidalgo County Airport Edenburg, Texas County of Hidalgo	General Aviation	\$39,641	Airport Master Plan
Gonzales Municipal Airport Gonzales, Texas City of Gonzales	General Aviation	\$22,000	Airport Master Plan
Harlingen Industrial Airpark Harlingen, Texas City of Harlingen	Air Carrier	\$10,656	Airport Master Plan
Pecos Municipal Airport Pecos City, Texas Town of Pecos City	General Aviation	\$20,576	Airport Master Plan
Gulf Coast Planning Region Houston-Galveston Area Council		\$60,000	Metropolitan System Plan (IGA)

VERMONT

Edward F. Knapp State Airport Barre-Montpelier, Vermont State of Vermont Aeronautics Board	Air Carrier	\$36,000	Airport Master Plan
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WASHINGTON

Bellingham International Airport Bellingham, Washington Port of Bellingham	General Aviation	\$12,818	Airport Master Plan
Kitsap County Airport Bremerton, Washington Port of Bremerton	General Aviation	\$15,040	Airport Master Plan
Snohomish County Airport (Paine Field) Everett, Washington Snohomish County	General Aviation	\$37,585	Airport Master Plan
Goldendale Airport Goldendale, Washington City of Goldendale	General Aviation	\$11,612	Airport Master Plan

APPENDIX B

Puyallup Industrial Airpark
Puyallup, Washington
County of Pierce, City of Tacoma
and Port of Tacoma

General
Aviation

\$26,066

Airport
Master Plan

McChord Air Force Base
Tacoma, Washington
Port of Tacoma, City of Tacoma
and Pierce County

Air
Carrier

\$41,266

Airport
Master Plan

Tacoma Industrial
Tacoma, Washington
City of Tacoma, Port of Tacoma
and Pierce County

General
Aviation

\$31,932

Airport
Master Plan

APPENDIX C
PLANNING GRANT PROGRAM
PROJECTS PLACED UNDER GRANT AGREEMENT
BY STATE

TRANSITIONAL QUARTER 1976

<u>State</u>	<u>No. of Projects</u>	<u>Federal Funds</u>
ALABAMA	1	\$ 18,000
ARIZONA	1	47,992
ARKANSAS	1	8,100
CALIFORNIA	8	1,042,641
COLORADO	1	320,444
FLORIDA	3	339,675
IDAHO	2	118,782
IOWA	5	122,744
LOUISIANA	4	124,840
MARYLAND	1	25,614
MISSISSIPPI	1	14,400
MISSOURI	1	229,335
MONTANA	1	24,192
NEW HAMPSHIRE	1	36,360
NEW MEXICO	2	88,016
NEW YORK	2	211,876
OREGON	1	27,900
SOUTH DAKOTA	3	257,609
TENNESSEE	2	71,478
TEXAS	1	16,677
UTAH	1	58,801
VERMONT	2	71,325
VIRGINIA	3	307,371
WASHINGTON	1	123,445
WEST VIRGINIA	2	53,219
NATIONAL TOTAL.	51.	\$3,760,836

APPENDIX D
PLANNING GRANT PROGRAM
PROJECTS PLACED UNDER GRANT AGREEMENT

TRANSITIONAL QUARTER 1976

<u>STATE</u> <u>NAME OF AIRPORT</u> <u>OR PLANNING AREA</u> <u>LOCATION</u> <u>SPONSOR</u>	<u>TYPE</u> <u>OF</u> <u>AIRPORT</u>	<u>FEDERAL</u> <u>FUNDS</u>	<u>TYPE</u> <u>STUDY</u>
<u>ALABAMA</u>			
Weedon Field Eufaula, Alabama City of Eufaula	General	\$ 18,000	Airport Master Plan
<u>ARIZONA</u>			
Polacca Airport Polacca, Arizona The Hopi Tribe	General Aviation	\$ 47,992	Airport Master Plan
<u>ARKANSAS</u>			
Boone County Airport Harrison, Arkansas City of Harrison	General Aviation	\$ 8,100	Airport Master Plan
<u>CALIFORNIA</u>			
Corona Municipal Airport Corona, California City of Corona	General Aviation (Reliever)	\$ 25,560	Airport Master Plan
Fresno Air Terminal Fresno, California County of Fresno, Cities of Clovis and Fresno	Air Carrier	\$126,000	Airport Master Plan
Nine County San Francisco Bay Area, California Metropolitan Transportation Commission		\$169,582	Metropolitan System Plan

APPENDIX D

San Bernardino East Valley Airport San Bernardino, California City of San Bernardino	General Aviation (Reliever)	\$ 34,474	Airport Master Plan
Santa Clara County Airport San Jose, California City of San Jose	Air Carrier	\$375,613	Airport Master Plan
Simi Valley/Moorpark Airport Simi Valley, California City of Simi Valley	General Aviation	\$ 40,500	Airport Master Plan
Six Southern California Counties Southern California Association of Governments		\$176,250	Metropolitan System Plan
San Joaquin County Airport Stockton, California County of San Joaquin	Air Carrier	\$ 94,662	Airport Master Plan

COLORADO

Stapleton International Airport Denver, Colorado County and City of Denver	Air Carrier	\$320,444	Airport Master Plan
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FLORIDA

Daytona Beach Regional Airport Dayton Beach, Florida County of Volusia	Air Carrier	\$ 50,040	Airport Master Plan
Miami International Airport Miami, Florida Dade County Aviation Department	Air Carrier	\$169,125	Airport Master Plan
Sarasota-Bradenton Airport Sarasota, Florida Sarasota-Manatee Airport Authority	Air Carrier	\$120,510	Airport Master Plan

APPENDIX D

IDAHO

Boise Air Terminal Boise, Idaho City of Boise	Air Carrier	\$102,870	Airport Master Plan
Buhl Municipal Airport Buhl, Idaho City of Buhl	General Aviation	\$ 15,912	Airport Master Plan

IOWA

Charles City Municipal Airport Charles City, Iowa City of Charles City	General Aviation	\$ 21,845	Airport Master Plan
Cherokee Municipal Airport Cherokee, Iowa City of Cherokee	General Aviation	\$ 32,499	Airport Master Plan
Decorah Municipal Airport Decorah, Iowa City of Decorah	General Aviation	\$ 22,950	Airport Master Plan
Pella Municipal Airport Pella, Iowa City of Pella	General Aviation	\$ 22,950	Airport Master Plan
Perry Municipal Airport Perry, Iowa City of Perry	General Aviation	\$ 22,500	Airport Master Plan

LOUISIANA

George R. Carr Memorial Airport Bogalusa, Louisiana State of Louisiana and City of Bogalusa	General Aviation	\$ 25,650	Airport Master Plan
LeGros Memorial Airport Crowley, Louisiana State of Louisiana and Acadia Parish	General Aviation	\$ 25,650	Airport Master Plan
Beauregard Parish Airport DeRidder, Louisiana State of Louisiana and Beauregard Parish Police Jury	General Aviation	\$ 37,540	Airport Master Plan

APPENDIX D

Vivian Airport Vivian, Louisiana State of Louisiana and City of Vivian	General Aviation	\$ 36,000	Airport Master Plan
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MARYLAND

Kent County Airport Chestertown, Maryland County Commissioners of Kent County	General Aviation	\$ 25,614	Airport Master Plan
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MISSISSIPPI

Brookhaven Municipal Airport Brookhaven, Mississippi City of Brookhaven	General Aviation	\$ 14,400	Airport Master Plan
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MISSOURI

Missouri State System Plan Missouri Department of Transportation		\$229,335	State System Plan
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MONTANA

Glasgow International Airport Glasgow, Montana County of Valley and City of Glasgow	Air Carrier	\$ 24,192	Airport Master Plan
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NEW HAMPSHIRE

Boire Field Nashua, New Hampshire Nashua Airport Authority	General Aviation	\$ 36,360	Airport Master Plan
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NEW MEXICO

Alamogordo-White Sands Regional Airport Alamogordo, New Mexico City of Alamogordo	Air Carrier	\$ 50,306	Airport Master Plan
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APPENDIX D

Senator Clarke Field Gallup, New Mexico City of Gallup	Air Carrier	\$ 37,710	Airport Master Plan
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NEW YORK

Dunkirk Municipal Airport Dunkirk, New York City of Dunkirk	General Aviation	\$ 43,979	Airport Master Plan
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Islip-MacArthur Islip, New York Town of Islip	Air Carrier	\$167,897	Airport Master Plan
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OREGON

Lane County Airport Springfield-Eugene, Oregon County of Lane	General Aviation	\$ 27,900	Airport Master Plan
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SOUTH DAKOTA

Aberdeen Regional Airport Aberdeen, South Dakota City of Aberdeen	Air Carrier	\$ 42,156	Airport Master Plan
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Brookings Municipal Airport Brookings, South Dakota City of Brookings	Air Carrier	\$ 36,270	Airport Master Plan
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South Dakota State System Plan South Dakota Division of Aeronautics		\$179,183	State System Plan
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TENNESSEE

Lovell Field Chattanooga, Tennessee City of Chattanooga	Air Carrier	\$ 55,413	Airport Master Plan
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Greeneville Municipal Airport Greeneville, Tennessee County of Greene and City of Greeneville	General Aviation	\$ 16,065	Airport Master Plan
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APPENDIX D

TEXAS

Terrell Municipal Airport Terrell, Texas City of Terrell	General Aviation	\$ 16,677	Airport Master Plan
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UTAH

Utah State System Plan Utah Department of Transportation		\$ 58,801	State System Plan
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VERMONT

Newport State Airport Newport, Vermont Vermont Department of Aeronautics	General Aviation	\$ 34,650	Airport Master Plan
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Rutland State Airport Rutland, Vermont Vermont Department of Aeronautics	General Aviation	\$ 36,675	Airport Master Plan
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VIRGINIA

Norfolk International Airport Norfolk, Virginia Norfolk Port and Industrial Authority	Air Carrier	\$236,396	Airport Master Plan
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Petersburg Municipal Airport Petersburg, Virginia City of Petersburg	General Aviation	\$ 26,780	Airport Master Plan
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Stafford County Airport Stafford, Virginia Stafford County Board of Supervisors	General Aviation	\$ 44,195	Airport Master Plan
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WASHINGTON

Washington State System Plan Washington State Aeronautics Commission		\$123,445	State System Plan
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APPENDIX D

WEST VIRGINIA

Kanawah County Airport
Charleston, West Virginia
Central West Virginia
Regional Airport Authority

Air
Carrier

\$ 30,719

Airport
Master Plan

Putnam County Airport
Winfield, West Virginia
Putnam County Commission

General
Aviation

\$ 22,500

Airport
Master Plan

APPENDIX E
SUMMARY DISTRIBUTION OF FUND AUTHORIZATION
FISCAL YEAR 1976 AND THE TRANSITION QUARTER

A summary follows of the distribution of funds authorized for Fiscal Year 1976 and the Transition Quarter. The distribution was made in accordance with Sections 15(a)(3) and 15(a)(4) of the Airport and Airway Development Act of 1970, as amended, including the Airport and Airway Development Act Amendments of 1976 (Public Law 94-353).

In accordance with Section 15 of the Act as amended by P.L. 94-353, funds apportioned to airport sponsors under the enplanement formula for air carrier airports which are not obligated during the fiscal year for which they were first authorized and the two fiscal years immediately following shall be added to the Air Carrier discretionary fund. In addition, amounts apportioned to each State under the area/population formula for General Aviation airports which are not obligated during the fiscal year for which they were first authorized and the fiscal year immediately following shall be added to the General Aviation discretionary fund.

Within these amounts, and subject to any annual obligational ceilings, airport sponsors may plan airport development projects and request Federal assistance for the establishment of a nationwide system of public airports adequate to meet the present and future needs of civil aviation.

1. <u>Air Carrier/Commuter Service</u>	<u>\$435,000,000</u>
a. Airport sponsors -- enplanement formula	290,000,000
b. Discretionary	145,000,000
(Commuter service airports minimum)	(18,750,000)
2. <u>General Aviation</u>	<u>\$ 65,000,000</u>
a. States -- area/population formula	34,687,500
b. Discretionary	30,312,500
(Reliever airports minimum)	(18,750,000)
(Territories)	(462,500)
3. <u>Total Program Funds</u>	<u>\$500,000,000</u>

APPENDIX F

AIRPORT DEVELOPMENT AID PROGRAM

GRANT AGREEMENTS - FISCAL YEAR 1976/TRANSITIONAL QUARTER

<u>STATE</u>	<u>AC/COMMUTER DEVELOPMENT</u>		<u>GA/RELIEVER DEVELOPMENT</u>		<u>TOTAL</u>	
	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>
Alabama	4	\$ 1,831,546	3	\$ 1,059,994	7	\$ 2,891,540
Alaska	13	21,078,926	2	1,967,300	15	23,046,226
American Samoa	1	3,690,000	-0-	-0-	1	3,690,000
Arizona	2	2,929,519	5	1,122,403	7	4,051,922
Arkansas	5	3,106,994	5	665,366	10	3,772,360
California	18	25,250,205	6	2,457,618	24	27,707,823
Colorado	9	18,008,441	3	2,604,105	12	20,612,546
Connecticut	-0-	-0-	-0-	-0-	-0-	-0-
Delaware	-0-	-0-	1	90,000	1	90,000
Florida	14	19,502,338	2	1,352,111	16	20,854,449
Georgia	7	13,269,009	3	875,427	10	14,144,436
Guam	1	282,737	-0-	-0-	1	282,737
Hawaii	4	12,832,487	-0-	-0-	4	12,832,487
Idaho	5	1,945,709	3	464,787	8	2,410,496
Illinois	15	19,932,583	9	1,668,150	24	21,600,733
Indiana	5	13,521,991	4	6,496,603	9	20,018,594
Iowa	5	3,611,608	5	591,843	10	4,203,451
Kansas	3	1,864,907	3	773,056	6	2,637,963
Kentucky	5	4,237,474	2	1,334,117	7	5,571,591
Louisiana	12	18,480,086	4	1,605,163	16	20,085,249
Maine	7	1,174,950	3	361,350	10	1,536,300

APPENDIX F

AIRPORT DEVELOPMENT AID PROGRAM

GRANT AGREEMENTS - FISCAL YEAR 1976/TRANSITIONAL QUARTER

<u>STATE</u>	<u>AC/COMMUTER DEVELOPMENT</u>		<u>GA/RELIEVER DEVELOPMENT</u>		<u>TOTAL</u>	
	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>
Maryland	1	\$ 1,416,597	1	\$ 382,320	2	\$ 1,798,917
Massachusetts	7	5,500,515	4	542,712	11	6,043,227
Michigan	9	6,686,617	7	2,214,507	16	8,901,124
Minnesota	4	2,709,114	3	1,036,871	7	3,745,985
Mississippi	7	5,029,923	6	786,765	13	5,816,688
Missouri	3	2,528,265	2	1,251,103	5	3,779,368
Montana	6	5,257,146	3	617,751	9	5,874,897
Nebraska	5	3,101,980	3	918,000	8	4,019,980
Nevada	2	3,445,768	-0-	-0-	2	3,445,768
New Hampshire	1	548,801	1	137,700	2	686,501
New Jersey	9	7,022,226	3	1,200,823	12	8,223,049
New Mexico	10	2,398,969	3	658,889	13	3,057,858
New York	21	16,499,487	11	2,547,772	32	19,047,259
North Carolina	7	5,436,480	3	1,052,300	10	6,488,780
North Dakota	7	3,411,535	4	915,180	11	4,326,715
Ohio	6	5,586,817	3	1,204,637	9	6,791,454
Oklahoma	6	7,764,890	7	1,503,352	13	9,268,242
Oregon	4	4,091,815	5	943,840	9	5,035,655
Pennsylvania	7	4,438,565	2	195,300	9	4,633,865
Puerto Rico	2	1,193,067	-0-	-0-	2	1,193,067

APPENDIX F

AIRPORT DEVELOPMENT AID PROGRAM

GRANT AGREEMENTS - FISCAL YEAR 1976/TRANSITIONAL QUARTER

<u>STATE</u>	<u>AC/COMMUTER DEVELOPMENT</u>		<u>GA/RELIEVER DEVELOPMENT</u>		<u>TOTAL</u>	
	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>
Rhode Island	-0-	\$ -0-	-0-	\$ -0-	0	\$ -0-
South Carolina	3	4,412,524	1	368,321	4	4,780,845
South Dakota	6	5,707,524	1	564,208	7	6,271,732
Tennessee	4	6,581,231	3	906,557	7	7,487,788
Texas	26	24,498,388	20	8,767,854	46	33,266,242
Trust Territory	-0-	-0-	-0-	-0-	-0-	-0-
Utah	3	1,785,249	3	487,482	6	2,272,731
Vermont	3	731,616	3	107,640	6	839,256
Virginia	8	6,672,249	9	2,662,299	17	9,334,548
Virgin Islands	1	776,970	-0-	-0-	1	776,970
Washington	8	8,341,565	8	1,938,284	16	10,279,849
West Virginia	4	1,858,391	1	21,941	5	1,880,332
Wisconsin	5	6,129,134	3	931,059	8	7,060,193
Wyoming	5	2,851,078	4	409,850	9	3,260,928
TOTALS	335	\$350,966,006	190	\$60,764,710	525	\$411,730,716

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM
 PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>ALABAMA</u>			
Andalusia Andalusia-Opp	02	69,714	Install runway and taxiway lighting, beacon and visual approach slope indicators (VASI-4).
Birmingham Birmingham Municipal	07	1,175,183	Land and relocation assistance; relocate road; install fencing; clearing. (Multi-Year Project. Total Federal Commitment \$1,683,825).
Mobile Bates Field	04	534,240	Install runway lighting and visual approach slope indicators (VASI-2 and VASI-4); construct electrical duct bank and electrical vault addition; install taxiway lighting.
Montgomery Dannelly Field	05	90,538	Construct crash/fire/rescue equipment building.
Ozark Blackwell Field	01	572,280	Land and relocation assistance; construct apron, access road, taxiways and taxiway turnaround; install fencing, wind cone and segmented circle; marking.
Talladega Talladega Municipal	01	418,000	Overlay runway (6,000' x 100'), stub taxiway, partial parallel taxiway and apron; marking; segmented circle.
Tuscaloosa Tuscaloosa Municipal	04	31,585	Acquire crash/fire/rescue vehicle.
<u>ALASKA</u>			
Ambler Ambler	01	917,933	Land; construct runway safety area (2,600' x 100'), apron, taxiway, access road, and snow removal equipment building; install wind cone and segmented circle; erosion control.
Anchorage Merrill Field	03	703,200	Site preparation; widen and light taxiway; widen runway exits; reconstruct taxiways; construct and light diagonal exits; drainage; marking.
Andreafsky St. Marys	04	1,326,566	Pave taxiways and apron; gravel surface runway (1,900' x 100'); marking.
Cordova Cordova	03	1,705,512	First stage of runway overlay (3,800' x 150').
Deadhorse Deadhorse	02	6,944,968	Site preparation; pave and light runway (6,500' x 150'); pave taxiway and apron; install security fencing; marking.
Fairbanks Fairbanks International	04	4,406,250	Strengthen, mark and light taxiway including exit taxiways, holding bays and apron; blast protection; reconstruct and pave road.

APPENDIX G

AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>ALASKA (Cont'd)</u>			
Hooper Bay Hooper Bay	02	215,625	Construct snow removal equipment building.
Juneau Juneau International	03	502,979	Construct and pave apron and walkway corridor; fencing.
Ketchikan Ketchikan International	05	360,938	Construct seaplane float.
Larsen Bay Larsen Bay	01	600,759	Land; construct runway safety area (2,000' x 100'), parking apron and access road; install wind cone, segmented circle and runway end markers.
McGrath McGrath	01	2,240,438	Site preparation for apron, taxiway, and service road; overlay, seal, mark and light runway; light taxiway and apron; remove obstructions; acquire crash/fire/rescue vehicle; marking.
Mekoryuk Mekoryuk	01	214,453	Construct snow removal equipment building.
Nightmute Nightmute	02	1,022,550	Land; construct runway safety area (2,000' x 100'), apron, access road and snow removal equipment building; install wind cone, segmented circle, boundary markers; erosion control.
Noorvik Robert (Bob) Curtis Memorial	01	939,305	Land; obstruction removal; widen and lengthen existing runway safety area 11/29; (1,200' x 20'); construct taxiway, apron, snow removal equipment building, and access road; install wind cone and segmented circle; erosion control
Palmer Palmer Municipal	04	944,750	Land.
<u>AMERICAN SAMOA</u>			
Pago Pago Pago Pago International	04	3,690,000	Strengthen runway (approximately 9,000' x 150'), taxiway and apron; seal coat (jet fuel resistant) terminal apron; grade extended runway safety area (approximately 800' x 500'); grade and drain runway and taxiway safety areas; groove runway (approximately 9,000' x 150'); marking.

APPENDIX G

AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>ARIZONA</u>			
Ajo Ajo Municipal	01	161,658	Overlay, light and mark runway (approximately 3,800' x 60') and taxiway; construct light and mark taxiway; modify existing vault; install new lighting control panel, beacon, lighted wind cone and segmented circle.
Chandler Chandler Municipal	02	178,183	Land; relocate power lines.
Cottonwood Cottonwood	01	259,468	Land; construct, seal and mark portion of taxiway; construct and seal apron including tie-downs.
Globe Globe-San Carlos Regional Air Facility	02	238,258	Construct and mark portion of parallel taxiway and turnaround; construct one connecting taxiway and apron, including tie-downs; relocate utilities.
Phoenix Phoenix-Sky Harbor International	08	1,854,915	Extend, light and mark runway (approximately 2,250' x 150'), including 50' stabilized shoulders; install drainage; extend, light and mark taxiway, including 35' stabilized shoulders; relocate 40th Street north of east terminal entrance road; construct irrigation line and portion of entrance road; fencing.
Scottsdale Scottsdale Municipal	02	284,836	Resurface, seal and mark runway (approximately 4,800' x 75'); install visual approach slope indicators (VASI-2) and runway end identifier lights; modify control panel.
Tucson Tucson International	06	1,074,604	Overlay runway (approximately 7,000' x 150') and apron; construct service roads and alternate entrance road; fencing; marking.
<u>ARKANSAS</u>			
Blytheville Blytheville Municipal	01	247,000	Extend runway and runway lighting 1,700'; marking; construct turnaround.
Fayetteville Drake Field	05	269,858	Extend taxiway and apron; construct taxiway; install runway lighting.
Fort Smith Fort Smith Municipal	03	388,587	Phase 1 of: Strengthen and light runways; install rotating beacon; construct electrical equipment building.
Little Rock Adams Field	07	1,353,508	Overlay and mark runway (7,012' x 150') and adjust runway lights; install emergency generator; fencing.

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM
 PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>ARKANSAS (Cont'd)</u>			
Little Rock Adams Field	08	913,439	Reconstruct taxiways; and portion of apron; construct apron; extend aprons; relocate portion of taxiway; marking.
McGehee McGehee Municipal	02	177,111	Reconstruct base of runway (3,000' x 50'), taxiway, and apron; construct turnarounds; fencing.
Monticello Monticello Municipal	01	121,619	Strengthen and mark runway (3,000' x 75'), taxiway and apron; fencing.
Pine Bluff Grider Field	05	23,310	Land.
Springdale Springdale Municipal	02	96,326	Extend apron; install fencing.
Texarkana Texarkana Municipal	05	181,602	Phase I of: Land; relocate, mark and light taxiway; install taxiway lighting; construct and mark two helicopter pads and access road; relocate fuel farm; install runway end identifier lights and modify runway lighting and electrical vault.
<u>CALIFORNIA</u>			
Arcata Arcata	03	162,000	Acquire crash/fire/rescue vehicle including associated equipment.
Carlsbad Palomar	03	163,800	Land.
Chico Chico Municipal	04	877,500	Land and relocation assistance; obstruction removal.
Concord Buchanan Field	03	319,500	Land and relocation assistance; obstruction removal.
Crescent City Jack McNamara Field	04	144,000	Land.
Fresno Fresno Air Terminal	06	3,159,665	Land and relocation assistance; obstruction removal; fencing.
Imperial Imperial County	04	180,411	Construct crash/fire/rescue equipment building, apron and access road; fencing.
Los Angeles Los Angeles International	06	6,919,069	Land and relocation assistance; obstruction removal. (Multi-Year Project. Total Federal Commitment \$7,149,115).
Merced Merced Municipal	03	183,055	Reconstruct taxiway; mark runway and taxiway.
Modesto Modesto Municipal	04	176,715	Acquire crash/fire/rescue vehicle and accessory equipment.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>CALIFORNIA (Cont'd)</u>			
Monterey Monterey Peninsula	04	663,458	Extend and widen taxiway; enlarge fillet at Runway 6/24 and reconstruct portion of runway; taxiway lighting and marking; construct crash/fire/rescue equipment and security building.
Oakland Metropolitan Oakland International	06	3,455,135	Overlay runway (approximately 10,000' x 150') and exit taxiways, including shoulder reconstruction; raise existing edge lights and install centerline and touchdown zone lighting; marking.
Paso Robles Paso Robles Municipal	01	297,000	Land and relocation assistance; obstruction removal.
Ramona Ramona	02	276,570	Land and relocation assistance; obstruction removal.
Sacramento Sacramento Metropolitan	05	1,075,886	Land.
San Diego Gillespie Field	03	653,985	Land and relocation assistance; replace runway lighting and install visual approach slope indicators (VASI-2); obstruction removal.
San Diego San Diego International-Lindbergh Field	06	117,354	Install taxiway lights.
San Francisco San Francisco International	07	4,510,500	Reconstruct and overlay runway (approximately 9,400' x 200'), including shoulder reconstruction; raise existing edge lights and install centerline lights; and precision instrument runway marking; construct drainage pumping station, Runways 19R, 19L, 28R, and 28L; overlay aprons including utility relocation; acquire crash/fire/rescue vehicle.
San Jose San Jose Municipal	07	2,249,239	Land and relocation assistance; site clearance and obstruction removal.
South Lake Tahoe Lake Tahoe	04	342,140	Reconstruct and widen portion of Taxiway "A"; reconstruct Taxiway "D" and portion of apron; drainage improvements; marking.
Stockton Stockton Metropolitan	07	544,738	Reconstruct and strengthen taxiways and apron, including shoulders; mark taxiway and adjust taxiway lights.
Vacaville Nut Tree	02	693,523	Land and relocation assistance; obstruction removal.
Visalia Visalia Municipal	03	214,980	Extend, light and mark runway (approximately 1,050' x 150').

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>CALIFORNIA (Cont'd)</u>			
Watsonville Watsonville Municipal	04	327,600	Land; fencing.
<u>COLORADO</u>			
Alamosa Alamosa Municipal	01	59,765	Acquire crash/fire/rescue vehicle with related equipment and protective clothing; install radio control unit for runway lighting system.
Aspen Aspen-Pitkin County (Sardy Field)	04	1,047,706	Land and relocation assistance; acquire communications equipment for crash/fire/rescue vehicle; fencing. (Multi-Year Project. Total Federal Commitment \$1,472,241).
Colorado Springs Colorado Springs Municipal	05	3,514,698	Land; install taxiway and runway lighting; including visual approach slope indicators (VASI-4); runway lighting adjustments and replacement. (Multi-Year Project. Total Federal Commitment \$4,065,554).
Denver Arapahoe County	04	1,870,000	Land; extend and light runway (approximately 1,500' x 100') and relocate visual approach slope indicator (VASI-2); reconstruct runway (approximately 2,550' x 100') and resurface (approximately 7,001' x 100'); grade for glide slope; construct two taxiways and extend taxiway; fencing; marking.
Denver Stapleton International	08	1,799,109	Pave, including shoulder stabilization, mark and light taxiways.
	09	7,438,328	Rehabilitate runway (approximately 11,500' x 150') and taxiways including shoulder stabilization, drainage, strengthening of overpass structures, and associated lighting; groove runway; modify approach light system Runway 35L; construct and light taxiways and widen apron including shoulder stabilization; acquire crash/fire/rescue vehicle; marking. (Multi-Year Project. Total Federal Commitment \$10,335,992).
Durango Durango-LaPlata County	02	3,125,132	Widen and strengthen runway (from 8,000' x 100' to 8,000' x 150'); strengthen taxiways and apron; expand apron, including tiedowns; construct taxiway; install runway lighting, including radio control system and electrical vault; relocate runway end identifier lights; fencing; marking.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>COLORADO (Cont'd)</u>			
Fort Collins Fort Collins-Loveland	02	282,128	Reconstruct and expand apron; install visual approach slope indicators (VASI-2) and emergency siren for crash/fire/rescue alerts.
Hayden Yampa Valley	03	342,424	Surface and mark runway (approximately 7,000' x 100').
Montrose Montrose County	02	257,340	Expand apron and install fencing.
Pueblo Pueblo Memorial	05	423,939	Remove and replace surface course on runway with skid-resistant surface (approximately 7,000 s.y.); fencing; marking.
Walden Walden-Jackson County	01	451,977	Extend runway (approximately 600' x 75') and rehabilitate runway (approximately 5,350' x 75'), taxiway and apron; seal runway, taxiway and apron; marking.
<u>DELAWARE</u>			
Georgetown Sussex County	02	90,000	Install visual approach slope indicators (VASI-4) and runway end identifier lights on Runways 4 and 22.
<u>FLORIDA</u>			
Daytona Beach Daytona Beach Regional	05	705,077	Expand, strengthen and light apron and associated taxiway; construct blast pavement for apron and taxiway; rehabilitate runway and taxiway lighting system; install wind cones; relocate runway lighting cables; marking.
Ft. Myers Page Field	04	900,000	Strengthen, overlay and mark runway (6,401' x 150'); expand and light ramp; construct electrical vault; install standby generator and fencing.
Gainesville Gainesville Municipal	04	317,125	Reconstruct, light and mark taxiway; install lighting control panel; install security gate.
	05	202,500	Land and relocation assistance.
Jacksonville Jacksonville International	05	1,277,306	Reconstruct, groove and mark runway (7,700' x 150').
Miami Miami International	08	1,300,500	Acquire crash/fire/rescue vehicles; strengthen and groove runway (500' x 150'); replace runway lighting cable and related electrical equipment; strengthen and widen taxiway segments; expand road fillets;

APPENDIX G

AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>FLORIDA (Cont'd)</u>			
Miami (cont'd)			drainage improvements; construct guardhouses and gates; security fencing and other related work; roadway and apron modifications.
	09	2,435,515	Construct international processing facility; terminal-to-satellite transit system and passenger loading bridges. (Multi-Year Project. Total Federal Commitment \$11,487,758).
Melbourne Melbourne Regional	07	459,360	Land.
Naples Naples Municipal	03	833,945	Acquire proximity suits and communications radio for crash/fire/rescue vehicle; strengthen runway (5,000' x 150'); construct and light parallel and exit taxiways; install standby generator; relocate beacon; install lighted wind cone, segmented circle; expand electrical vault.
Orlando Orlando Jetport at McCoy	07	2,587,863	Acquire crash/fire/rescue vehicle; install runway lighting; strengthen and overlay runway (10,500' x 200'); replace taxiway lighting; construct service roads; marking; install security fencing and gates.
Panama City Panama City-Bay County	05	161,668	Construct addition to crash/fire/rescue equipment building; install apron lighting and security fencing.
Sanford Sanford	04	686,441	Install runway lighting and visual approach slope indicators (VASI-4); construct, mark and light taxiways; strengthen apron; relocate road.
Sarasota Sarasota-Bradenton	04	867,632	Land; strengthen runway (5,006' x 150') and parallel taxiway; overlay taxiway; construct taxiway safety/security building and road; marking. (Multi-Year Project. Total Federal Commitment \$1,377,671).
Tallahassee Tallahassee Municipal	06	5,297,400	Land; construct, light and mark new runway (7,200' x 150'), blast pavement and parallel and connecting taxiways; groove runway; install visual approach slope indicators (VASI-4), centerline and touchdown zone lighting, emergency generator, and lighted wind cones; site preparation for instrument landing system; fencing.

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>FLORIDA (Cont'd)</u>			
Titusville Titusville-Cocoa	03	665,670	Strengthen, overlay, light and mark runway (5,000' x 100') and parallel and connecting taxiways; install visual approach slope indicators (VASI-4) and emergency generator; construct electrical vault, apron and service roads; remove obstructions; fencing.
West Palm Beach Palm Beach International	03	2,156,447	Land; construct crash/fire/rescue vehicle service road and canal crossing for runway approach; strengthen, reconstruct and mark runway (6,938' x 150'); rehabilitate runway lighting; groove runways; expand apron; taxiway lighting; construct and mark taxiway blast protection pavement; install runway end identifier lights; widen service road; fencing.
<u>GEORGIA</u>			
Athens Athens Municipal	03	305,190	Strengthen, light and mark runway (4,992' x 100').
Atlanta William B. Hartsfield-Atlanta International	12	7,178,274	Construct and light partial parallel taxiways including connecting taxiways; install flashing warning lights and signs; marking.
	13	4,200,000	Land and relocation assistance.
Brunswick Brunswick-Golden Isles Municipal	01	66,495	Site preparation and clearing for instrument landing system; radio controls for runway and taxiway lighting; marking.
Columbus Columbus Metropolitan	03	548,796	Construct and light taxiway extension and taxiway bypass; construct taxiway fillets and road extension; marking.
Macon Lewis B. Wilson	05	110,871	Install runway lighting visual approach slope indicator (VASI-4) and runway end identifier lighting.
Savannah Savannah Municipal	03	421,830	Clearing and grubbing for line-of-sight for airport traffic control tower; install airfield lighting control panel, including wiring to new airport traffic control tower; improve drainage.
Statesboro Statesboro Municipal	01	551,842	Strengthen runway (5,000' x 100') including reconstruction of 800'; strengthen and construct partial parallel taxiways; strengthen and expand apron; install runway and taxiway lighting and visual approach slope indicators (VASI-2); marking.

APPENDIX G

AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>GEORGIA (Cont'd)</u>			
Tifton Henry Tift Myers	02	257,090	Construct parallel taxiway and connecting taxiway.
Valdosta Valdosta Municipal	02	504,048	Land and obstruction removal; strengthen and mark runway (4,826' x 150') and parallel and connecting taxiways; install taxiway lighting.
<u>GUAM</u>			
NAS Agana Guam International Air Terminal	04	282,737	Prepare site for fuel farm relocation to include clearing and grubbing, installing 12" waterline and 6" sewer line; rehabilitate one chain link fence gate and airport perimeter road; construct site access road.
<u>HAWAII</u>			
Hana, Maui Hana	01	500,040	Pave runway (approximately 3,605' x 100'), stub taxiways and apron; install runway lighting; light stub taxiways and apron edge; install lighted wind cone and segmented circle; install apron floodlights; marking.
Hilo General Lyman Field	04	293,595	Construct crash/fire/rescue equipment building.
Honolulu Honolulu International	10	11,873,852	Construct and stabilize shoulders for runway, taxiways, a portion of taxiway and blast pad; install runway lights, taxiway lights; construct blast barricade and crash/fire/rescue equipment building; relocate aircraft engine test stand; construct taxiways and portions of taxiways; reconstruct portion of taxiway; marking.
Lihue Lihue	05	165,000	Rehabilitate runway lighting systems.
<u>IDAHO</u>			
Boise Boise Air Terminal	07	734,391	Strengthen, level and surface texture runway; reconstruct connecting taxiways; install taxiway lighting and standby generators.
Coeur d' Alene Coeur d' Alene Air Terminal	01	185,000	Land; construct apron and parallel taxiway; marking.
Hailey Friedman Memorial	02	330,000	Strengthen and mark runway, including turnaround.

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>IDAHO (Cont'd)</u>			
Kamiah Kamiah Municipal	01	248,180	Land; relocation assistance; construct runway, including holding aprons, stub taxiway, parking apron and road; install segmented circle; obstruction removal; fencing.
Lewiston Lewiston-Nez Perce County	05	264,246	Land; construct and strengthen taxiway; construct apron and taxiways; install security fencing; acquire fire/rescue equipment.
Pocatello Pocatello Municipal	04	417,000	Reconstruct portion of parallel taxiway and two connecting taxiways.
Sandpoint County-City	01	31,607	Land.
Twin Falls Twin Falls City-County	04	200,072	Acquire proximity suits; rehabilitate aprons including tiedown anchors and hangar access taxiways; construct road; marking.
<u>ILLINOIS</u>			
Beardstown Greater Beardstown	01	245,700	Overlay runway (approximately 3,600' x 60') including turnaround and connecting taxiway; overlay apron, road and T-hangar taxiways; expand apron including tiedowns; install split lenses for threshold lights; marking.
Bloomington Bloomington-Normal	05	474,300	Overlay and mark runway (approximately 3,720' x 100') and associated taxiway; install split lenses on runway.
Carbondale Southern Illinois	04	801,000	Overlay and mark portion of runway (approximately 4,400' x 100') and associated taxiways including portion of parallel taxiway; install electrical duct.
Casey Casey Municipal	01	137,250	Overlay runway (approximately 3,000' x 60') including turnaround and connecting taxiway; marking.
Champaign University of Illinois-Willard	02	951,300	Strengthen apron including enlarging fillet and connecting taxiways; install runway and taxiway lighting.
Chicago Merrill C. Meigs	04	1,680,813	Rehabilitate seawall; relocate visual approach slope indicator (VASI) control panel and rotating beacon ceilometer; install standby power generator, including building addition; acquire proximity suits.
Chicago Chicago Midway	05	117,800	Reconstruct and groove pavement at runway intersection; rehabilitate and modify storm drainage system.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM
 PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>ILLINOIS (Cont'd)</u>			
Chicago Chicago O'Hare International	08	8,777,670	Construct oil separation system and related storm drainage and support facilities for Lake O'Hare and a pumping station, metering and sampling buildings and related sewer system and structures; strengthen, widen and light airport service roads and remove hangar area access road; resurface terminal access roadway; rehabilitate taxiway and connections; repair and resurface runway and parallel taxiway; upgrade standby power; install terminal security fencing and gates; fencing.
Danville Vermillion County	01	723,600	Construct road; grade for Instrument Landing System glide slope; overlay portion of runway (approximately 4,000' x 100') and connecting taxiways; marking.
East Alton Civic Memorial	02	111,600	Land.
Effingham Effingham County Memorial	02	207,900	Overlay runway (approximately 3,400' x 60') including turnarounds and connecting taxiway; overlay apron including tiedowns; replace threshold light lenses; obstruction removal; marking.
Galesburg Galesburg Municipal	03	451,800	Overlay and mark runway (approximately 3,600' x 100') and parallel taxiway.
Macomb Macomb Municipal	02	201,600	Construct connecting taxiway; expand apron; convert runway lights to split lenses; install tiedown anchors; marking.
Moline Quad-City	05	3,270,000	Rehabilitate, strengthen, mark and groove runway (approximately 6,500' x 150'); replace runway lighting; modify taxiway guidance signs; construct utility tunnel under runway.
Olney Olney-Noble	02	348,300	Overlay runway (approximately 3,600' x 60') and connecting taxiways; overlay apron; install runway edge drains; obstruction removal; modify runway threshold light lenses.
Pekin Pekin Municipal	02	110,700	Expand apron, including tiedowns.
Peoria Greater Peoria	05	418,500	Land and relocation assistance.
Quincy Quincy Municipal-Baldwin Field	02	1,042,200	Land and relocation assistance; overlay runway (5,100' x 150'); modify runway lighting; marking.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>ILLINOIS (Cont'd)</u>			
Rochelle Rochelle Municipal	01	37,800	Install runway and taxiway lighting, one ramp light and beacon.
Rockford Greater Rockford	04	401,400	Land and relocation assistance.
Salem Salem-Leckrone	02	355,500	Strengthen runway (approximately 3,900' x 75') and taxiway including threshold relocation and runway end identifier lighting; reconstruct taxiway and apron; install runway split lenses; marking.
Springfield Capital	05	438,800	Construct, mark and light apron with connecting taxiways; construct and mark T-hangar taxiways; fencing.
Sterling Whiteside County	02	181,800	Overlay runway (2,500' x 100'); fencing; marking.
West Chicago DuPage County	03	113,400	Reconstruct and overlay runway (approximately 1,600' x 100'); reconstruct apron; marking.
<u>INDIANA</u>			
Elkhart Elkhart Municipal	01	885,600	Land and relocation assistance; overlay runway (approximately 4,000' x 75'); construct, strengthen, extend and widen taxiways; expand apron; obstruction removal; marking.
Fort Wayne Fort Wayne Municipal (Baer Field)	04	500,809	Overlay and mark portion of runway (approximately 3,500' x 150') including blast pad.
Huntingburg Huntingburg Municipal	01	414,000	Land; overlay taxiway; install navigational aids including site preparation and utilities; relocate non-directional beacon including site preparation and utilities; install runway end identifier lights including vault work; fencing.
Indianapolis Indianapolis International	05	2,955,000	Reconstruct portions of runways, taxiways, and apron; remove taxiway; install drainage system and relocate gas and water lines for cargo area; install drainage for runways and taxiways; construct and light taxiway; marking.
	06	9,126,582	Strengthen runways, taxiways and aprons; construct shoulders to runways and exit taxiways; groove runways; construct, overlay, and extend blast pads; rehabilitate runway and taxiway lighting; reconstruct and light exit taxiways; construct and light partial

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>INDIANA (Cont'd)</u>			
Indianapolis			parallel and connecting taxiway including holding apron and cargo taxiway; remove taxiways; widen taxiways and enlarge fillets; reconstruct apron; marking. (Multi-Year Project. Total Federal Commitment \$11,300,000).
Indianapolis Mt. Comfort	01	5,761,403	Land and relocation assistance; construct runway (approximately 3,230' x 60'), including turnaround and connecting taxiway and apron, including tiedowns; site preparation for future runways, taxiways, and aprons; construct storm water retention basin; widen and strengthen road; construct road and electrical vault; install runway, taxiway and apron lighting; visual approach slope indicators and runway end identifier lights; install beacon tower and lighted wind tee; relocate power lines; install electrical service; fencing; marking.
Knox Starke County	02	61,200	Land.
Kokomo Kokomo Municipal	02	54,000	Land and relocation assistance; obstruction removal; fencing.
Tell City Perry County Municipal	01	260,000	Land; overlay runway (approximately 3,200' x 60'), connecting taxiway, and apron; construct runway turnaround; install runway lighting, including runway end identifier lights and visual approach slope indicators and taxiway lighting; install beacon tower and relocate beacon; obstruction removal; marking.
<u>IOWA</u>			
Boone Boone Municipal	01	112,500	Resurface runway (3,000' x 75') taxiways and apron; marking.
Cedar Rapids Cedar Rapids Municipal	04	1,172,082	Land. (Multi-Year Project. Total Federal Commitment \$1,605,600).
Dubuque Dubuque Municipal	02	193,406	Resurface runway; install security gate; marking (Multi-Year Project. Total Federal Commitment \$340,000).
Estherville Estherville Municipal	01	125,550	Repair and resurface runway (3,200' x 75'), apron and connecting taxiway; pave road; marking.
Jefferson Jefferson Municipal	01	118,450	Land; resurface runway (3,200' x 75'), apron and connecting taxiway; install rotating beacon, lighted wind cone, segmented circle

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>IOWA (Cont'd)</u>			
Jefferson (cont'd) Jefferson Municipal			and runway end identifier lights; marking.
Mason City Mason City Municipal	03	460,158	Rehabilitate and mark runways and taxiways; install visual approach slope indicators (VASI-4); fencing. (Multi-Year Project. Total Federal Commitment \$606,042).
Sac City Sac City Municipal	01	94,000	Land; fencing.
Sioux City Sioux City Municipal	03	478,769	Rehabilitate runway; overlay center 60' of runway and overlay apron; replace airport lighting controls (vault and tower) and cable; taxiway lighting; marking. (Multi-Year Project. Total Federal Commitment \$923,048).
Storm Lake Storm Lake Municipal	01	141,343	Land; fencing; displace runway threshold.
Waterloo Waterloo Municipal	04	1,307,193	Reconstruct runway (5,400' x 150'); overlay and groove runways; overlay taxiways; replace rotating beacon; install ramp area lighting; seeding; marking. (Multi-Year Project. Total Federal Commitment \$2,068,200).
<u>KANSAS</u>			
LaCrosse Rush County	01	297,000	Land; construct runway (3,200' x 50') including turnarounds, taxiway and apron; install segmented circle with wind cone, marking; obstruction removal.
Olathe Executive Airport-Johnson County	02	39,758	Modify lighting control to accommodate new control tower; install beacon and tower; standardize runway lighting; marking.
Topeka Forbes Field	01	301,468	Install runway lighting and taxiway lighting; install taxiway guidance system; overlay taxiways; marking; fencing.
Topeka Philip Billard Municipal	03	436,298	Install lighting control for new air traffic control tower; overlay runway (5,100' x 150'); marking.
Wichita Wichita Mid-Continent	06	1,076,552	Groove runway; reconstruct taxiway; widen and overlay taxiways; rehabilitate and relocate taxiway lighting; ducts, drainage and seeding; construct road; marking.

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>KANSAS (Cont'd)</u>			
Wichita Wichita Mid-Continent	07	486,887	Land; relocate road, including site preparation, grading, drainage, bridge structures; bridge removal and seeding; fencing. (Multi-Year Project. Total Federal Commitment \$855,804).
<u>KENTUCKY</u>			
Covington Greater Cincinnati	10	1,571,250	Land and relocation assistance; construct addition to crash/fire/rescue building; reconstruct, mark, modify and relocate taxiway lighting; structures removal; security fencing.
Lexington Blue Grass Field	05	686,313	Strengthen and mark runway (6,500'), parallel taxiway and connecting taxiways. (Multi-Year Project. Total Federal Commitment \$1,297,390).
Louisville Standiford Field	09	1,320,030	Land, obstruction removal; strengthen and mark parallel taxiway; construct, light, install signs and mark connecting taxiway; relocate utilities. (Multi-Year Project. Total Federal Commitment \$2,190,249).
Madisonville Madisonville Municipal	01	688,344	Land; extend and light runway (800' x 75'); expand apron; construct taxiways; install runway lighting, including visual approach slope indicators (VASI-4) and runway end identifier lights, taxiway lighting, lighted wind cone and segmented circle; marking.
Owensboro Owensboro-Daviess County	05	393,633	Land and relocation assistance; acquire radio transceivers for crash/fire/rescue vehicle; relocate and install safety/perimeter fencing; structures removal.
Paducah Barkley Field	07	266,248	Strengthen, expand and mark apron. (Multi-Year Project. Total Federal Commitment \$450,000).
Richmond Madison	02	645,773	Construct, mark and light runway (4,000' x 75') and taxiway; install visual approach slope indicators (VASI-2) and runway end identifier lights; construct road and apron; install safety/perimeter fencing; segmented circle; lighted wind cone and rotating beacon.
<u>LOUISIANA</u>			
Abbeville Abbeville Municipal	01	101,000	Overlay runway (3,700' x 75') including marking.

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>LOUISIANA (Cont'd)</u>			
Alexandria Esler Regional	05	344,045	Strengthen, light and mark portion of taxiway.
Baton Rouge Ryan	04	549,042	Construct crash/fire/rescue building, including utilities and access road; fencing.
Houma Houma-Terreboone	03	744,024	Construct access road, stub taxiways and apron.
Lafayette Lafayette Regional	05	3,071,500	Construct portion of runway including taxiway stub-outs; construct shoulders and blast pads; resurface and light runway; install visual approach slope indicators (VASI-4); marking; relocate utilities; approach clearing.
	06	1,700,000	Construct and light taxiways and aprons; strengthen existing taxiway; marking.
Lake Charles Lake Charles Municipal	02	211,723	Overlay runway (4,400' x 100').
Monroe Monroe Municipal	05	425,299	Construct access road; install runway end identifier lighting system; strengthen taxiways; including lighting adjustments; clearing; marking.
Natchitoches Natchitoches Municipal	01	333,000	Strengthen runway (4,075' x 150'); marking.
New Iberia Acadiana Regional	02	447,500	Construct seaway (approximately 5,000' x 150'), including water taxiway and water aircraft parking area.
New Orleans New Orleans International	06	2,062,732	Strengthen runway (7,000' x 150'), including lighting adjustments and marking.
	07	900,000	Construct ramp for limited access road.
New Orleans New Orleans Lakefront	04	4,100,000	Construct bulkhead and portion of hydraulic fill.
	05	3,000,000	Construct portion of hydraulic fill.
Shreveport Shreveport Downtown	01	723,663	Overlay runway (4,500' x 150'); marking. relocate access road.
Shreveport Shreveport Regional	06	1,371,721	Strengthen and light runway (7,300' x 200'); marking.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MAINE</u>			
Auburn Auburn-Lewiston Municipal	04	75,600	Install security fencing, including apron security lighting.
Augusta Augusta State	04	78,300	Land; install hazard beacon on Gannet Hill including land; install lighted wind cone, segmented circle and safety fencing, including related obstruction lighting; clear and grub runway approach; acquire crash/fire/rescue vehicle.
Bar Harbor Bar Harbor	04	499,950	Construct and light apron, including relocation of airport lighting controls; rehabilitate pavement on phased-out runway to serve as parking apron and a taxiway including marking, lighting and guidance signs; construct and light access road; install safety fence.
Carrabassett Sugarloaf Regional	01	114,750	Land; reconstruct portions, overlay and mark runway, including approach clearing and safety area; expand apron, including tie-downs and stub taxiway; install segmented circle.
Greenville Greenville Municipal	01	114,300	Reconstruct portions, overlay and mark runway (approximately 3,000' x 75'), including clearing; install rotating beacon.
Old Town Old Town Municipal	01	132,300	Install runway lights, including obstruction removal; approach and transitional clearing; marking.
Portland Portland International Jetport	09	220,500	Expand, reconstruct portions and overlay aprons; construct fillet in taxiway; install security fence; reconstruct drainage outfall system adjacent to runway.
	10	54,000	Land.
Presque Isle Northern Maine	04	234,000	Install runway lighting, including visual approach slope indicator (VASI-4); acquire crash/fire/rescue vehicle; obstruction removal.
Waterville Waterville-Robert LaFleur	04	12,600	Install security fence.
<u>MARYLAND</u>			
Baltimore Baltimore-Washington International	09	1,416,597	Land; install apron lighting, pedestrian concourse, moving sidewalk.

APPENDIX G

AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MARYLAND (Cont'd)</u>			
Cumberland Cumberland Municipal	02	382,320	Expand apron; construct, mark and light connecting taxiway; construct T-hangar taxiways; reconstruct access road.
<u>MASSACHUSETTS</u>			
Boston Logan International	14	663,000	Construct and light apron, masonry security/blast wall, and snow melting facilities.
	15	1,161,750	Construct connecting taxiways, including shoulders and edge lighting; pave runway safety area, including shoulders and blast pad; provide erosion control seeding and turfing on safety overruns and infield areas around runways and taxiways; construct blast fence; adjust four bars ALS Runway 4R; construct combination duct bank; marking.
	16	2,445,000	Rehabilitate, overlay, mark and light runways (approximately 2,468' x 125') and (approximately 5,800' x 150'), including rehabilitation of shoulders and blast pads; groove runway; rehabilitate, overlay, and mark taxiways, including rehabilitation of shoulders and lighting.
Hyannis Barnstable Municipal	06	533,687	Construct apron and connecting taxiways, including marking.
Martha's Vineyard Martha's Vineyard	03	432,990	Rehabilitate, mark and light runway (approximately 2,750' x 150'); acquire crash/fire/rescue vehicle.
Nantucket Nantucket Memorial	03	126,450	Install security fencing; acquire crash/fire/rescue vehicle.
North Adams North Adams Municipal	03	120,600	Reconstruct and overlay portions of runway (approximately 600' x 100') connecting taxiway and apron; marking.
Pittsfield Pittsfield Municipal	04	166,500	Expand aircraft parking apron.
Plymouth Plymouth Municipal	05	157,500	Land.
Southbridge Southbridge Municipal	01	98,112	Rehabilitate portion of runway (approximately 800' x 75'), including marking.
Worcester Worcester Municipal	05	137,638	Acquire crash/fire/rescue vehicle.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MICHIGAN</u>			
Bad Axe Huron County Memorial	01	242,892	Land; overlay runway (3,500' x 75'); connecting taxiway and apron; construct partial parallel taxiway; marking.
Battle Creek W.K. Kellogg Regional	03	211,590	Overlay apron and taxiways; marking.
Detroit Detroit Metropolitan-Wayne County	07	3,375,000	Stage III of the construction of Runway 3R/21L; balance of concrete paving (approximately 180,000 s.y.) for Runway 3R/21L (10,000' x 150') with parallel and connecting taxiways.
Detroit Willow Run	01	751,400	Overlay and mark runway (6,010'± x 155') and runway edges (6,580'± x 20' each side), taxiway portion of east ramp (with 10' tapered shoulders each side) and Hangar 2 ramp; overlay, light and mark taxiways; install taxiway lighting; fencing.
Fremont Fremont Municipal	02	510,200	Overlay runways (5,500'± x 100') and (3,500'± x 75'), taxiway, and apron; construct taxiways and extend apron; overlay, widen and reconstruct taxiways; marking.
Grand Rapids Kent County	06	439,515	Overlay runway (3,400'± x 100') and parallel and connecting taxiways; acquire crash/fire/rescue vehicle; marking.
Greenville Greenville Municipal	01	72,000	Overlay runway (3,000' x 50'), taxiway and apron; marking.
Ionia Ionia County	01	156,600	Overlay and standardize lighting on runway (3,700' x 75'); overlay connecting taxiway; marking.
Iron Mountain Ford	03	346,829	Acquire and remove existing terminal hangar and storage building; construct and light aprons and portion of taxiway; overlay portion of runway (530' x 75') and portion of apron as taxiway; install beacon and tower; standardize runway lighting; fencing; marking. (Multi-Year Project. Total Federal Commitment \$492,713).
Lansing Capital City	02	70,380	Site preparation and grading for Instrument Landing System.
Ludington Mason County	01	266,000	Land and relocation assistance; overlay runway (3,000' x 75'); construct and light runway extension (800' x 75') including visual approach slope indicators (VASI-2) each end; clearing; relocate road and utility lines; standardize runway lighting; marking.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MICHIGAN (Cont'd)</u>			
Manistee Manistee County-Blacker	02	212,165	Land; construct and light runway (2,800' x 60') with visual approach slope indicators (VASI-2) both ends; construct taxiway; extend apron; approach clearing; marking; standardize runway lighting.
Menominee Menominee-Marquette Twin County	03	312,723	Land; overlay runway (5,100'± x 100') and portion of runway (1,100'± x 50' with 10' tapered shoulders each side); marking.
Pellston Emmet County	02	490,140	Acquire crash/fire/rescue vehicle; construct crash/fire/rescue building; runway approach clearing; construct and mark taxiway tapers and fillets; standardize runway lighting and install taxiway lighting.
Port Huron St. Clair County International	02	215,415	Construct taxiways; install taxiway lighting; standardize runway lighting; fencing; marking.
Traverse City Cherry Capital	03	1,228,275	Land; construct and light taxiways; overlay runway (5,011'± x 150'); light taxiways; fencing; marking.
<u>MINNESOTA</u>			
International Falls Falls International	03	613,666	Land; construct and mark partial parallel taxiway, and connecting taxiway; install taxiway lights; remove obstructions; construct apron extension.
	04	185,157	Construct crash/fire/rescue equipment building.
Jackson Jackson Municipal	01	458,405	Land and relocation assistance; replace runway lighting; extend and light runway (1,100') with turnaround; reconstruct apron and taxiway; install runway end identifier lights and visual approach slope indicators (VASI-2); remove obstructions; light obstructions; install regulator; relocate power line; marking.
Minneapolis Anoka County-Blaine Airport (Janes Field)	01	215,248	Overlay runways (3,200' x 75') and (2,250' x 100'); taxiways and aprons; apply surface friction course to runway (2,600' x 100'); construct apron extension; marking.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MINNESOTA (Cont'd)</u>			
Minneapolis-St. Paul Minneapolis-St. Paul International (Wold - Chamberlain Field)	08	1,156,541	Remove and reconstruct apron and restore apron facilities; remove portion of runway and construct taxiway, stub connections to center taxiway and shoulders; light and mark taxiway, including guidance signs; install apron edge lights and two wind cones.
	09	753,750	Reconstruct taxiway; groove runway (8,200'); modify interior of fire station and construct additions.
Rush City Rush City	01	363,218	Land; construct runway (3,200' x 75') with turnarounds, apron and connecting taxiway; install runway lighting, beacon, visual approach slope indicators (VASI-2) and obstruction lights; relocate and light wind cone; construct electrical equipment building; install fencing and area drainage system; relocate power line and buildings, remove obstructions; marking.
<u>MISSISSIPPI</u>			
Aberdeen Monroe County	01	90,323	Overlay and mark runway (4,000' x 75') and stub taxiway.
Columbus Golden Triangle Regional	05	152,460	Acquire crash/fire/rescue vehicle.
Drew Ruleville-Drew	01	92,281	Overlay, mark and light runway (3,000' x 60') and taxiway; overlay apron; install rotating beacon; light existing wind cone; improve airport drainage.
Greenville Greenville International	02	2,336,344	Strengthen and light runway (7,018' x 150'); reconstruct and strengthen taxiways and construct taxiway extension; install taxiway lighting; reconstruct apron, including obstacle removal (terminal building concourse) and relocate apron floodlights; install runway end identifier lights and standby generator; improve drainage; fencing; marking. (Multi-Year Project. Total Federal Commitment \$2,503,633).
Gulfport Gulfport Municipal	03	1,990,979	Install runway lighting; construct electrical vault; reconstruct apron; install visual approach slope indicator (VASI-4) and rotating beacon; strengthen, mark and light taxiways; security fencing.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MISSISSIPPI</u>			
Jackson Jackson Municipal (Allen C. Thompson Field)	06	125,413	Land and relocation assistance.
Laurel-Hattiesburg Pine Belt Regional	04	20,373	Install visual approach slope indicator systems (VASI-4).
Natchez Hardy-Anders Field	03	382,950	Land; install runway and taxiway lighting; fencing.
New Albany New Albany-Union County	02	33,804	Install runway and taxiway lighting; rotating beacon, segmented circle, and lighted wind cone.
Prentiss Prentiss-Jefferson Davis County	02	25,025	Install runway and taxiway lighting, rotating beacon and electrical service to wind cone.
Quitman Clarke County	01	64,692	Strengthen and mark runway (3,200' x 60'), stub taxiway and apron.
Starkville George M. Bryan Field	01	480,640	Overlay runway (5,050' x 100') and taxiway; reconstruct taxiway; construct new parallel and connecting taxiways; install segmented circle and lighted wind cone; marking.
Tupelo C.D. Lemons Municipal	02	21,404	Construct crash/fire/rescue equipment building.
<u>MISSOURI</u>			
Jefferson City Jefferson City Memorial	04	251,640	Land; install runway lighting and visual approach slope indicators (VASI-2); overlay runway (5,000' x 100') and taxiway; seeding; drainage; marking.
Kansas City Kansas City International	08	383,625	Reconstruct taxiway end; resurface taxiway; construct blast paving; rehabilitate runway end; modify power supply and controls for CAT II operations; seeding.
Nevada Nevada Municipal	01	861,098	Land; extend and widen runway (1,500' x 15') with turnarounds; reconstruct runway (4,400' x 60') and relocate runway threshold; reconstruct apron; construct taxiways; install runway lighting and visual approach slope indicators (VASI-4); install beacon; seeding; drainage; relocate road and utilities; marking.

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM
 PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
MISSOURI (Cont'd)			
St. Charles St. Charles County	01	390,005	Overlay runway (2,000' x 75'); construct, extend and overlay taxiways; install taxiway exit lights; relocate runway and taxiway lights; drainage and seeding; marking.
St. Louis Lambert-St. Louis International	09	1,893,000	Expand apron; construct taxiway; install taxiway and apron edge lights; construct apron drainage scupper; repair apron pavement.
MONTANA			
Billings Billings Logan International	07	837,000	Overlay and reconstruct apron pavement; upgrade visual approach slope indicator (VASI-4) to visual approach slope indicator (VASI-6); Stages I and II airport storm drainage system; overlay taxiway; expand apron.
Bozeman Gallatin Field	04	1,872,384	Construct, edge light, and taxiway route directional mark terminal apron and connecting taxiways; construct, reconstruct, strengthen, widen and light taxiways; construct portion of entrance road and strengthen existing entrance road; fencing; marking.
Choteau Choteau	01	93,000	Construct asphaltic wearing surface and mark runway (approximately 3,800' x 60').
Deer Lodge Deer Lodge City-County	01	130,500	Resurface and mark runway (approximately 3,800' x 75'), taxiway, turnarounds and apron; install runway lighting system with visual approach slope indicators (VASI-2).
Glendive Dawson Community	03	225,000	Rehabilitate, level and construct runway (approximately 5,700' x 100') taxiway, and apron; marking.
Helena Helena City-County	04	1,696,897	Construct terminal apron and airport entrance road; construct taxiway; extend apron, including tie-downs; overlay taxiways; install security fence; marking.
Miles City Miles City	03	395,370	Resurface, mark and light runway (approximately 6,300' x 100') and taxiway; relocate electrical equipment to new vault; construct fueling pad (approximately 20' x 20'); relocate rotating beacon; install taxiway and apron lighting.

APPENDIX G

AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MONTANA (Cont'd)</u>			
Missoula Johnson-Bell Field	04	230,495	Rehabilitate runway lighting; rehabilitate air carrier terminal gate positions and portion of taxiway; install security fencing; including gates and signs; marking.
Terry Terry	01	394,251	Land; relocate power lines; construct runway (approximately 4,350' x 75'); with turnarounds, connecting taxiway and apron with tiedowns; construct access road; install runway lighting system with visual approach slope indicators (VASI-2), wind cone and segmented circle; fencing; marking.
<u>NEBRASKA</u>			
Albion Albion Municipal	01	297,000	Land; pave runway (2,800' x 50') with turnaround and partial parallel taxiway with two connecting taxiways; construct T-hangar taxiways and apron; install segmented circle and wind cone; obstruction removal; seeding; marking.
Columbus Columbus Municipal	03	937,200	Construct apron and connecting taxiways; pave taxiways; construct road; relocate TVOR, buildings and hangars; install security fence; marking. (Multi-Year Project. Total Federal Commitment \$ 1,083,084.
Grand Island Grand Island Air Park	05	304,823	Construct electrical vault; install standby generator and modify underground cables; extend apron; overlay apron islands; construct taxiways; marking, drainage and seeding.
Kearney Kearney Municipal	04	90,000	Construct crash/fire/rescue building.
Lincoln Lincoln Municipal	06	504,000	Overlay portion of runway (4,000' x 100') and partial parallel taxiway; marking; apron lighting.
Ogallala Searle Field	02	176,400	Construct runway (3,700' x 50'), including turnaround, connecting taxiway, drainage, marking, installation of ducts and relocation of taxiway lights; seeding.
Omaha Eppley Airfield	08	1,265,957	Land; obstruction removal; construct roads; fencing; seeding.
Seward Seward Municipal	02	444,600	Pave, light and mark runway (3,600' x 60') including turnarounds, connecting taxiway and apron; install beacon and tower; light wind cone; seeding.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NEVADA</u>			
Las Vegas McCarran International	06	2,093,052	Land and relocation assistance; obstruction removal and clearing.
Reno Reno International	05	1,352,716	Land and relocation assistance; obstruction removal and clearing.
<u>NEW HAMPSHIRE</u>			
Laconia Laconia Municipal	03	137,700	Land; install runway lights and rotating beacon; relocate visual approach slope indicator; rehabilitate three off-site hazard beacons; clearing.
Manchester Manchester Municipal	08	548,801	Reconstruct, mark and light taxiway; install runway lights; construct access road. (Multi-Year Project. Total Federal Commitment \$731,880).
<u>NEW JERSEY</u>			
Hammonton Hammonton Municipal	01	197,357	Overlay runway (approximately 3,000' x 75'); reconstruct taxiway and construct, light and mark taxiway.
Millville Millville Municipal	01	254,659	Land; install runway lights; remove obstructions; install visual approach slope indicators (VASI-4) and runway end identifier lights.
Morristown Morristown Municipal	05	25,029	Rehabilitate runway lighting system.
Newark Newark International	13	82,095	Reconstruct pavement at end of Runway 22R (approximately 3,700 s.y.) fibrous concrete, including miscellaneous electrical work; reconstruct control joints on Runway 4L/22R and adjacent taxiways (approximately 2,500 l.f.).
	14	641,250	Acquire three crash/fire/rescue vehicles.
	15	152,315	Modify ninety drainage inlets for Runways 4L/22R and 4R/22L.
	16	126,966	Reconstruct wearing course of roadway in front of both terminal areas (approximately 800 l.f.); upgrade shoulders along Control Tower Road and Brewster Road; improve restricted patrol road; replace timber barriers with steel guard rails along Brewster Road.
	17	432,975	Rehabilitation of peripheral ditch.

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NEW JERSEY (Cont'd)</u>			
Newark Newark International	18	5,224,200	Reconstruction of Runway 11/29 and associated taxiways, drainage and electrical work (approximately 7,300' x 150').
Teterboro Teterboro	04	748,807	Construct apron, taxiways, and access road; construct water supply system.
Trenton Mercer County	02	170,996	Overlay taxiways.
Wildwood Cape May County	02	166,400	Install runway lighting, including visual approach slope indicators (VASI-4) and runway end identifier lights; install taxiway lighting.
<u>NEW MEXICO</u>			
Albuquerque Albuquerque International	04	165,624	Land.
	05	1,100,833	Construct and light taxiway; reconstruct portions of taxiways; relocate road and waterline; marking.
Carlsbad Cavern City Air Terminal	03	154,659	Phase I of construct and mark partial parallel taxiway.
Clovis Clovis Municipal	04	154,659	Overlay and mark taxiway and portion of apron.
Conchas Dam Conchas Lake State Park	02	107,327	Overlay and mark runway.
Farmington Farmington Municipal	03	31,500	Acquire crash/fire/rescue vehicle.
	04	169,923	Phase 1 of: Overlay portion of runway.
Gallup Senator Clarke Field	05	90,348	Construct apron; fencing.
Hobbs Lea County (Hobbs)	04	154,659	Phase 1 of: Drainage improvements.
Roswell Roswell Industrial Air Center	04	300,764	Rehabilitate portion of apron; drainage; install security gates.
Ruidoso Ruidoso Municipal	02	271,470	Reconstruct parallel taxiway and section of tiedown apron; construct drainage improvements and tiedown fixtures; marking.
Silver City Silver City-Grant County	04	72,000	Construct apron and connecting taxiways; install visual approach slope indicators (VASI-4); adjust runway lighting.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NEW MEXICO (Cont'd)</u>			
Taos Taos Municipal	01	280,092	Overlay runway (5,000' x 50'), taxiways, apron and road; extend runway (800' x 75'); marking.
<u>NEW YORK</u>			
Albany Albany County	04	1,842,231	Construct access road; expand apron; acquire crash/fire/rescue vehicle. (Multi-Year Project. Total Federal Commitment \$3,018,750).
Batavia Genesee County	01	279,082	Rehabilitate and mark runway (approximately 3,600' x 75'); extend apron; install approach lighting aids.
Buffalo Greater Buffalo International	11	3,472,480	Overlay and mark runway (approximately 8,000' x 150'), including feathering of connecting taxiways, shoulder strengthening (both sides) and miscellaneous lighting and drainage work; remove old and install new runway centerline lights; install touchdown zone lights; relocate ALS/ILS facilities; groove runway (approximately 8,000' x 150').
	12	1,973,795	Overlay taxiways; including miscellaneous lighting, drainage and marking.
Elmira Chemung County	03	639,623	Construct crash/fire/rescue building and electrical vault.
Endicott Tri-Cities	01	44,376	Overlay apron and taxiways, including associated taxiway edge lights and marking.
Farmingdale Republic	03	400,270	Construct taxiway and taxiway spur.
Fulton Oswego County	03	271,746	Overlay, mark and light runway (approximately 4,000' x 100').
Glen Falls Warren County	03	194,936	Install runway lighting and visual approach slope indicators (VASI-4).
Islip Islip-MacArthur	03	480,267	Widen, strengthen, light and mark taxiway; clear and grub runway clear zone; install security fencing; taxiway drainage.
Ithaca Tompkins County	04	210,097	Acquire crash/fire/rescue vehicle; install security fencing and gates; install visual approach slope indicators (VASI-4).

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NEW YORK (Cont'd)</u>			
Massena Richards Field	01	203,927	Install runway lights, visual approach slope indicators (VASI-4), and runway end identifier lights; remove or mark obstructions.
New York John F. Kennedy International	11	34,313	Install asphaltic slurry seal to non-operational areas adjacent to portions of taxiways.
	12	427,500	Acquire two crash/fire/rescue vehicles.
	13	559,903	Rehabilitate 1.800+ l.f. of taxiway; improve access and service road network; install 250 l.f. of guard rail.
	14	42,877	Relocation of existing street lighting standards in the vicinity of Buildings 81 and 82; replacement of taxiway edge lighting circuits.
	15	2,847,206	Overlay and mark runway (8,400' x 150'), including feathering onto connecting taxiways; groove runway; runway and taxiway lighting adjustments; miscellaneous drainage work.
	16	762,623	Install runway centerline lights and touchdown zone lights; lower/relocate three light poles in runway clear zone; install 6 CAT II taxiway signs.
New York LaGuardia	16	39,977	Miscellaneous electrical work associated with the relocation of a portion of runway lighting circuit; miscellaneous electrical, grading and drainage work associated with Runways 4/22 and 13/31 intersection overlay.
	17	427,500	Acquire two crash/fire/rescue vehicles.
Niagara Falls Niagara Falls International	04	492,504	Rehabilitate and light runway; install visual approach slope indicators (VASI-2) and runway end identifier lights; overlay taxiway including miscellaneous lighting; marking.
Ogdensburg Ogdensburg International	02	53,444	Install visual approach slope indicator systems (VASI-4).
Olean Olean Municipal	01	21,863	Install visual approach slope indicator system (VASI-4).
Oneonta Oneonta Municipal	01	224,925	Overlay and repair runway, taxiway and aprons; construct drainage improvements.

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NEW YORK (Cont'd)</u>			
Poughkeepsie Dutchess County	03	249,867	Install runway lighting, including standby power; groove runway; acquire crash/fire/rescue equipment.
Rochester Rochester-Monroe County	07	274,200	Acquire crash/fire/rescue vehicle; groove runway.
Saratoga Saratoga County	01	283,962	Replace lighting systems on Runways 5/23 and 14/32 (approximately 4,000' x 100') each and install new visual approach slope indicator (VASI-4) and runway end identifier light systems; replace rotating beacon and wind indicator; expand apron.
Schenectady Schenectady County	02	215,748	Rehabilitate taxiways, including marking.
Shirley Brookhaven	01	118,360	Install runway lights visual approach slope indicator (VASI-4) and runway end identifier light systems; install rotating beacon and tower.
Syracuse Syracuse-Hancock International	06	1,553,553	Extend, mark and light runway (1,020' x 150'); construct taxiway; widen and strengthen taxiway; install visual approach slope indicator (VASI-4). (Multi-Year Project. Total Federal Commitment \$2,806,405).
Utica Oneida County	04	256,878	Overlay taxiways; acquire crash/fire/rescue vehicle.
Watertown Watertown International	03	147,226	Construct crash/fire/rescue-snow removal equipment building.
<u>NORTH CAROLINA</u>			
Albermarle Stanly County	01	555,300	Land; site preparation for 3,900' x 75' runway, partial parallel taxiway, stub and turnaround taxiways, and apron; obstruction removal and approach clearing.
Asheville Asheville Municipal	03	519,340	Extend runway safety area; rehabilitate runway and taxiway lighting systems; construct crash/fire/rescue building; acquire crash/fire/rescue vehicle.
Charlotte Douglas Municipal	11	504,703	Land and relocation assistance.
Fayetteville Fayetteville Municipal	03	936,000	Expand and light aprons; construct and light connecting taxiways; site preparation for road relocation; install runway end identifier lights and security fencing; taxiways and apron shoulder stabilization.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NORTH CAROLINA (Cont'd)</u>			
Greensboro Greensboro/High Point/Winston-Salem Regional	06	1,108,800	Expand aprons; reconstruct, strengthen and mark runway (7,450' x 150'); construct blast pads; clearing; extend runway; reconstruct blast pad; install visual approach slope indicator (VASI-4).
New Bern Simmons-Nott	02	232,410	Land; approach and transitional clearing.
Plymouth Plymouth	02	30,600	Land and relocation assistance.
Raleigh Raleigh-Durham	03	1,590,750	Strengthen, reconstruct and mark runway (7,500' x 150') and connecting taxiways including adjustment of lighting systems; reconstruct and repair runway.
Rocky Mount Rocky Mount-Wilson	02	544,477	Land; construct and light parallel and connecting taxiways; install runway end identifier lights and visual approach slope indicators (VASI-4); construct blast pads.
Southern Pines Pinehurst-Southern Pines	01	466,400	Strengthen runway (4,200' x 100') and taxiway; expand apron; rehabilitate runway lighting system; install visual approach slope indicators (VASI-4); install taxiway lights; construct access road; clearing; security fencing.
<u>NORTH DAKOTA</u>			
Bismarck Bismarck Municipal	05	495,000	Construct additions to aprons; reconstruct portion of apron; relocate and extend taxiway lighting.
Bowman Bowman Municipal	02	71,820	Land.
Cooperstown Cooperstown Municipal	01	213,360	Land; overlay (2,200' x 50'), widen (2,200' x 10') and extend (1,300' x 60') runway; construct connecting taxiway and reconstruct apron; install wind cone, segmented circle and tiedowns; pave entrance road; clear approach; fencing; marking.
Devils Lake Devils Lake Municipal	02	837,000	Overlay runway (approximately 5,515' x 150') and two connecting taxiways; reconstruct apron; install runway and taxiway lighting; marking.
Fargo Fargo Municipal	07	501,936	Install security fencing.

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NORTH DAKOTA (Cont'd)</u>			
Grand Forks Grand Forks International	03	630,199	Porous friction course seal coat and runway marking; construct and light portion of taxiway.
Hillsboro Hillsboro	01	315,000	Land; construct runway (3,300' x 60'), apron, connecting taxiway, and access road; install fencing; wind cone, segmented circle and tie-downs; marking.
Jamestown Jamestown Municipal	03	235,811	Reconstruct portion of apron; overlay taxiway.
Minot Minot International	03	533,700	Construct partial parallel taxiway and apron; install new lighting control and control cable for new control tower.
Oakes Oakes Municipal	01	315,000	Land; construct runway (3,500' x 60'), apron, connecting taxiway, and entrance road; install segmented circle, wind cone and tie-downs; clear trees and existing fence; marking.
Williston Sloulin Field International	02	177,889	Land; install runway and taxiway lighting and visual approach slope indicator; reconstruct portion of apron; expand and extend apron; replace and relocate fence; remove obstructions.
<u>OHIO</u>			
Akron Akron-Canton Regional	04	923,400	Land; overlay runway (5,600' x 150'); overlay, light and widen taxiways; marking.
Cleveland Cleveland-Hopkins International	04	1,295,550	Overlay and light runway; groove runways; overlay apron; widen taxiway; remove obstructions; fencing; marking; install visual approach slope and runway end identifier systems.
Cleveland Cuyahoga County	03	195,273	Acquire crash/fire/rescue vehicle.
Columbus Port Columbus International	04	1,396,061	Land; overlay runway (10,700' x 150') and apron; obstruction removal; acquire crash/fire/rescue vehicle; marking. (Multi-Year Project. Total Federal Commitment \$2,533,500).
Dayton Dayton General South	02	661,433	Partial reimbursement for the acquisition of Dayton General South Airport.
Dayton James M. Cox Dayton International	04	1,300,000	Construct and light apron, connecting taxiway and shoulders; relocate gas and telephone underground lines; fencing and gates; marking.

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>OHIO (Cont'd)</u>			
Middletown Hook Field Municipal	01	347,931	Land; construct partial parallel taxiway; rehabilitate runway lighting system; marking.
Toledo Toledo Express	04	257,806	Land; fencing.
Youngstown Youngstown Municipal	06	414,000	Land; site preparation; obstruction removal; security fencing; water line installation.
<u>OKLAHOMA</u>			
Cheyenne Mignon Laird Municipal	01	176,683	Pave runway (3,100' x 50'), taxiways, turnaround and apron; marking.
Cushing Cushing Municipal	01	200,000	Land; overlay runway (5,200' x 100') and apron; obstruction removal; marking.
Enid Enid Woodring Municipal	03	154,659	Phase 1 of: Overlay runway (5,500' x 110') and taxiway.
Lawton Lawton Municipal	04	278,671	Phase 1 of: Construct crash/fire/rescue building, including water/sewer service and access road.
Norman Max Westheimer Field	01	130,967	Install runway lighting, including visual approach slope indicators (VASI-2); install taxiway lighting.
Oklahoma City Wiley Post	06	502,398	Land.
Oklahoma City Will Rogers World	05	1,248,221	Land; reconstruct and strengthen apron; install security fencing.
Okmulgee Okmulgee Municipal	01	162,073	Construct apron.
Ponca City Ponca City Municipal	05	154,659	Extend aprons.
Pryor Creek Pryor	02	92,731	Construct taxiway and apron; relocate fuel facilities; install fencing; marking.
Tulsa Tulsa International	07	250,816	Acquire crash/fire/rescue vehicle.
	08	5,677,864	Phase 1 of: Reconstruct and overlay runway (7,100' x 150'); install runway lights and guidance signs; reconstruct portions of, strengthen, and overlay taxiways; remove portion of abandoned runway; construct and light taxiway; marking.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>OKLAHOMA (Cont'd)</u>			
Vinita Vinita Municipal	01	238,500	Land; reconstruct runway (2,850' x 50'); relocate road; install fencing; marking.
<u>OREGON</u>			
Ashland Ashland Municipal - Sumner Parker Field	02	50,000	Pave entrance road; strengthen and mark runway.
Cottage Grove Cottage Grove State	01	111,127	Land; construct and mark taxiway and apron.
Hermiston Hermiston Municipal	01	471,524	Land; relocate power transmission lines; strengthen, extend, widen, and mark runway (from 2,600' x 50' to 4,000' x 75'); install runway lights including visual approach slope indicators and runway end identifier lights; install wind cone and segmented circle; extend, widen, strengthen, and mark taxiway; expand apron.
LaGrande LaGrande Municipal	02	75,389	Install runway lights.
Madras City-County	01	235,800	Strengthen runway and reconstruct runway lighting system; construct runway drainage system and apron; shorten runways; install lighted wind cone; marking.
Medford Medford-Jackson County	04	1,095,795	Land and relocation assistance; removal of structures.
Pendleton Pendleton Municipal	03	195,400	Land; reconstruct and correct taxiway ramp profile; expand apron.
Portland Portland International	11	2,644,521	Land and relocation assistance.
Salem McNary Field	04	156,099	Acquire crash/fire/rescue vehicle.
<u>PENNSYLVANIA</u>			
Bradford Bradford Regional	04	55,800	Install visual approach slope indicator (VASI-4) and runway end identifier lights.
Coatesville Chester County-G.O. Carlson	01	115,875	Install fencing.
Indiana Indiana County Jimmy Stewart	02	79,425	Install visual approach slope indicators (VASI-2) and runway end identifier lights.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>PENNSYLVANIA (Cont'd)</u>			
Johnstown Johnstown-Cambria County	03	375,930	Rehabilitate, light and mark runway (3,700' x 100'); rehabilitate, light and mark taxiway; install visual approach slope indicators (VASI-2).
Franklin Chess Lambertson	02	169,200	Install fencing.
Martinsburg Altoona-Blair County	03	207,929	Land.
Middleton Harrisburg International	02	132,750	Acquire crash/fire/rescue vehicle.
Philadelphia Philadelphia International	14	2,932,156	Construct taxiways; reconstruct taxiway; overlay portion of runway (19,000 s.y.); groove runway; install visual approach slope indicator (VASI-4) and runway end identifier lights; install taxiway lighting.
Wilkes-Barre Wilkes-Barre/Scranton International	04	564,800	Install runway and taxiway lighting; acquire three crash/fire/rescue vehicles. (Multi-Year Project. Total Federal Commitment \$1,000,080).
<u>PUERTO RICO</u>			
Ponce Mercedita	04	68,067	Install taxiway lighting.
San Juan Puerto Rico International	07	1,125,000	Reconstruct taxiways and apron; marking.
<u>SOUTH CAROLINA</u>			
Charleston Charleston AFB/Municipal	01	3,740,152	Land.
Columbia Columbia Metropolitan	03	504,889	Construct and expand on-airport terminal access road.
Florence Florence City-County	05	167,483	Construct taxiways; extend runway safety area. (Multi-Year Project. Total Federal Commitment \$318,199).
Orangeburg Orangeburg	01	368,321	Land.
<u>SOUTH DAKOTA</u>			
Huron Huron Regional	04	554,659	Expand aprons, including drainage; construct and light taxiway, including drainage; remove and reinstall fencing.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>SOUTH DAKOTA (Cont'd)</u>			
Pierre Pierre Municipal	06	307,771	Expand apron, including drainage; overlay portion of apron; reconstruct portion of road; construct roads.
Rapid City Rapid City Regional	05	364,441	Construct maintenance equipment building; relocate fencing and slide gate; install card actuated electric gate operator; expand apron and reconstruct a portion of apron; reconstruct driveway; install storm sewer system for apron, including inlets; obliterate (3,200 s.y.) of existing general aviation pavement; remove existing storage building; seed and fertilize.
Sioux Falls Joe Foss Field	06	4,233,921	Reconstruct portion of runway (6,320' x 150') and raise and recable runway lights; overlay portions of runway (2,680' x 150') and parallel taxiway; extend parallel taxiway; construct taxiway; install taxiway lighting; drainage; marking.
Vermillion Harold Davidson Field	01	564,208	Construct runway (4,100' x 75'), taxiway, apron, with tie-downs, and access road; install segmented circle; obstruction removal, relocation of utility line and road; fencing; marking.
Watertown Watertown Municipal	07	165,789	Seal runway (6,900' x 150'); pave road; marking.
Yankton Chan Gurney Municipal	03	80,943	Construct crash/fire/rescue equipment building, maintenance equipment bay and service ramp; install water and sewer service and fire and rescue communication system.
<u>TENNESSEE</u>			
Bristol Tri City	06	777,210	Land; acquire proximity suits and crash/fire/rescue equipment; relocate security fencing and gate; install gate and grounding for fencing; expand apron.
Jackson McKellar Field	04	153,623	Acquire two-way radio communications equipment; construct crash/fire/rescue building; construct and light taxiway; fencing; marking; taxiway lighting.
Memphis Memphis International	08	1,615,350	Construct bridge; site preparation; pave, light, sign and mark road and relocated road; install wind cones; relocate lighting control cables and panel; acquire crash/fire fire/rescue vehicle, equipment and proximity suits.

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>TENNESSEE (Cont'd)</u>			
Nashville Nashville Metropolitan	07	4,035,048	Strengthen and groove runway (7,700' x 150'); install runway centerline and touch-down zone lights; runway shoulder stabilization and overlay overruns; strengthen runway intersection; overlay, and strengthen taxiways; install runway lighting and connecting taxiway lighting; raise approach lighting system; install emergency standby generator; marking.
Oneida Scott Municipal	01	524,660	Land; extend runway (from 3,528' x 75' to 4,600' x 75'), including turnarounds; install runway lighting, visual approach slope indicators (VASI-2) and runway end identifier lights; relocate road; obstruction light and mark tower and transmission line; install taxiway lighting and rotating beacon; fencing; marking.
Paris Henry County	01	339,176	Land; extend and light runway (1,200' x 75'); construct runway turnaround; install visual approach slope indicators (VASI-2) fencing; marking.
Waverly Humphreys County	01	42,721	Install runway lighting and visual approach slope indicator (VASI-2); rehabilitate rotating beacon; relocate and install new wind cone and segmented circle.
<u>TEXAS</u>			
Abilene Abilene Municipal	05	1,354,268	Phase I of: Reconstruct runway (6,000' x 150'); site preparation for taxiways; marking.
Amarillo Amarillo Air Terminal	03	294,042	Acquire three crash/fire/rescue vehicles.
	04	367,973	Phase I of: Construct connecting taxiway and holding pad.
Arlington Arlington Municipal	02	192,403	Reconstruct apron; construct portion of road; fencing.
Austin Robert Mueller Municipal	04	717,750	Expand taxiway fillets; construct aprons and road; marking.
Bay City Bay City Municipal	02	72,000	Construct portion of parallel taxiway; marking.
Beaumont Beaumont Municipal	02	421,311	Construct portion of parallel taxiway; reconstruct and expand apron; install runway and taxiway lighting and rotating beacon; light wind tee; marking.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>TEXAS (Cont'd)</u>			
Beaumont Jefferson County	03	311,260	Overlay and strengthen runway (5,070' x 150').
	04	153,000	Acquire crash/fire/rescue vehicle.
Brownsville Brownsville International	03	675,572	Reconstruct portion of runway; marking.
Brownwood Brownwood Municipal	02	154,659	Phase I of: Reconstruct and mark runway (4,600' x 100').
Cameron Cameron Municipal	01	61,000	Overlay and mark runway (3,200' x 50').
Cleveland Cleveland Municipal	01	46,807	Construct apron, stub taxiway, partial parallel taxiway and turnaround.
Corpus Christi Corpus Christi International	04	112,590	Acquire crash/fire/rescue vehicle.
	05	520,895	Land.
Dallas Addison Municipal	01	4,900,000	Land.
Dallas-Ft. Worth Dallas-Ft. Worth International	12	3,926,158	Land.
Denton Denton Municipal	03	285,000	Land.
El Paso El Paso International	02	1,152,231	Phase I of: Overlay runway; construct shoulders, taxiways and road; reconstruct apron; install electrical duct; drainage; marking; security fencing.
Ennis Ennis Municipal	02	47,000	Land.
Harlingen Harlingen Industrial Airpark	06	258,666	Phase I of: Overlay portion of runway.
Hereford Hereford Municipal	01	245,542	Land; extend and overlay runway (1,000' to 75' x 5,400') and parallel taxiway; overlay apron; marking.
Houston Houston Intercontinental	06	2,492,949	Phase I of: Extend and light portion of parallel taxiway; construct and light portion of taxiway and apron; marking.
Houston William P. Hobby	03	152,000	Install emergency generator; displace threshold to Runway 12 including marking and lighting modification; install lighted wind cone; relocate utilities; marking
Jasper Jasper County	01	210,000	Overlay runway (4,000' x 75'), and stub taxiway; marking.

APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>TEXAS (Cont'd)</u>			
LaPorte LaPorte Municipal	02	295,000	Construct, mark and light taxiway, including incidental drainage.
Laredo Laredo International	01	154,659	Install runway and taxiway lighting; install visual approach slope indicators (VASI-4).
Longview Gregg County	04	135,000	Relocate lighting controls; install security gate, emergency generator, and beacon; marking.
Lubbock Lubbock Regional	08	3,680,000	Phase I of: Overlay portion of runway.
Marfa Marfa Municipal	01	245,000	Reconstruct and overlay runway (5,300' x 75') and associated taxiways.
McAllen Miller International	03	552,400	Overlay aprons; reconstruct taxiway; install security gates; construct, mark and light portion of parallel taxiway; acquire crash/fire/rescue vehicle.
Midland Midland Regional Air Terminal	07	2,567,542	Land; Phase I of: runway (2,600' x 150') and taxiway extensions; relocate power line; lower and encase pipelines.
Mineral Wells Mineral Wells Municipal	02	74,700	Overlay partial parallel and connecting taxiways including realignment of south portion; overlay apron.
Monahans Roy Hurd Memorial	01	200,000	Rehabilitate runway (3,600' x 75'); overlay taxiways and apron; marking.
Paris Cox Field	03	154,659	Phase I of: Overlay and mark portion of runway (4,500' x 150').
Port Lavaca Calhoun County	01	454,500	Reconstruct runway (4,000' x 75'), apron and portion of parallel taxiway including connecting taxiways.
San Angelo Mathis Field	03	2,750,718	Reconstruct runway (5,938' x 150') runway (4,400' x 75') and taxiway; construct and light partial parallel taxiway; rehabilitate runway lighting; install runway and taxiway lights; marking.
San Antonio San Antonio International	06	1,440,863	Land.
Seminole Gaines County	01	110,400	Land.
Sweetwater Sweetwater Municipal	01	244,291	Land; overlay runway and taxiways; pave portion of apron; marking.
Temple Draughon-Miller Municipal	03	154,659	Phase I of: Overlay and mark portion of runway.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>TEXAS (Cont'd)</u>			
Tyler Pounds Field	02	137,376	Construct crash/fire/rescue building; construct access road and electrical vault; install engine generator; relocate electrical service.
Vernon Wilbarger County	01	425,000	Land; reconstruct runway (4,300' x 100'), including new taxiway connection, new stub taxiway, and relocation of runway; marking.
Waco Waco-Madison	03	154,659	Construct and mark portion of parallel (including connecting) taxiway system.
Wharton Wharton Municipal	02	85,900	Overlay and mark runway (3,800' x 60'), apron and portion of parallel taxiway.
Wichita Falls Wichita Falls Municipal	02	123,840	Reconstruct portion of apron.
<u>UTAH</u>			
Green River Green River Municipal	01	360,486	Land; construct and light runway (5,600' x 60'), including visual approach slope indicators (VASI-2); construct taxiway turnarounds, connecting taxiway and apron including tiedowns; construct segmented circle, lighted wind cone and beacon; obstruction removal; fencing; marking.
Price Carbon County	01	108,029	Rehabilitate and mark runway (5,700' x 150').
Provo Provo Municipal	02	18,967	Construct single bay fire and rescue equipment building.
St. George St. George Municipal	02	171,028	Rehabilitate and mark runway (5,100' x 100').
Salt Lake City Salt Lake City International	06	1,586,284	Site preparation for future runway extension and parallel taxiway, including canal relocation.
Vernal Vernal	03	27,937	Construct single bay fire and rescue equipment building.
<u>VERMONT</u>			
Barre-Montpelier Edward F. Knapp State	03	283,500	Land.
	04	376,116	Land; reconstruct portion of runway (approximately 1,625' x 150') including rehabilitation of safety areas; fencing; marking; clearing. (Multi-Year Project. Total Federal Commitment \$522,000).

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>VERMONT (Cont'd)</u>			
Burlington Burlington International	05	72,000	Construct road.
Middlebury Middlebury State	01	15,300	Land.
Rutland Rutland State	05	65,340	Construct crash/fire/rescue and snow removal equipment building.
Springfield Springfield (Hartness) State	02	27,000	Land.
<u>VIRGINIA</u>			
Chesapeake Chesapeake Municipal	02	150,840	Land.
	03	287,151	Construct parallel taxiway; expand apron; marking.
Danville Danville Municipal	02	442,800	Strengthen runway (4,500' x 130'), parallel taxiway and connecting taxiways; construct entrance taxiway; obstruction removal; marking.
Emporia Emporia Municipal	01	155,700	Install runway lighting, visual approach slope indicators (VASI-2) and runway end identifier lighting system; install wind cone and segmented circle; relocate beacon tower and install rotating beacon, obstruction lights and guardrail; relocate power lines; marking.
Franklin John Beverly Rose Municipal	01	358,582	Land; extend runway (500' x 150'); install runway lighting and relocate runway end identifier lighting system; install visual approach slope indicator (VASI-4) and lead-in light facility; relocate underground power line and road.
Leesburg Leesburg Municipal	01	575,190	Strengthen runway (3,500' x 75'), apron and parallel taxiway; construct apron; relocate wind cone and segmented circle; construct holding bays; marking.
Lynchburg Lynchburg Municipal	03	121,403	Land; construct crash/fire/rescue building; rehabilitate runway lighting; obstruction removal.
Manassas Manassas Municipal	03	262,800	Strengthen apron and road.

APPENDIX G

AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>VIRGINIA (Cont'd)</u>			
Newport News Patrick Henry International	07	2,687,200	Land; extend and light runway (1,500' x 150') extend and light parallel taxiway; install visual approach slope indicators (VASI-4); expand apron; construct connecting taxiway, tiedown area and T-hangar taxiways and crash/fire/rescue station; install apron lighting and fencing; relocate VEPCO substation and T-hangar; marking. (Multi-Year Project. Total Federal Commitment \$3,327,179).
Norfolk Norfolk International	04	249,300	Install fencing; groove runway; marking.
Richmond Richard Evelyn Byrd International	06	1,074,546	Install centerline and touchdown zone lighting for CAT II runway and engine generator; construct electrical equipment building; relocate road.
	07	729,000	Strengthen and groove runway (9,000' x 150'); install visual approach slope indicator (VASI-4); marking.
Roanoke Roanoke Municipal	06	648,000	Install runway lighting; strengthen parallel taxiways; groove runways; install fencing; acquire crash/fire/rescue vehicle; marking.
Staunton Shenandoah Valley	05	720,000	Land; construct and light parallel and connecting taxiways; expand apron; install visual approach slope indicator (VASI-4); obstruction removal; utility relocation; marking.
Tangier Tangier Island	02	235,736	Construct hydraulic fill embankment.
Winchester Winchester Municipal	03	603,000	Land; reconstruct and light parallel taxiway; extend and light parallel taxiway; expand apron; fencing; obstruction removal.
Wise Lonesome Pine	02	33,300	Install visual approach slope indicator (VASI-4); obstruction removal.
<u>VIRGIN ISLANDS</u>			
St. Croix Alexander Hamilton	06	776,970	Strengthen taxiway segment and runway connectors; marking.
<u>WASHINGTON</u>			
Burlington Bay View	01	46,422	Pave taxiway; install wind cone and segmented circle; relocate beacon and fencing; marking.

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FEDERAL AVIATION ADMINISTRATION WASHINGTON D C
ANNUAL REPORT OF OPERATIONS UNDER THE AIRPORT AND AIRWAY DEVELO--ETC(U)
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APPENDIX G
AIRPORTS GRANT - IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>WASHINGTON (Cont'd)</u>			
Deer Park Deer Park Municipal	01	245,000	Land; rehabilitate runway; strengthen apron and stub taxiway; install wind cone and segmented circle; obstruction removal; marking.
Ellensburg Bowers Field	01	162,974	Rehabilitate runway; strengthen taxiways; marking.
Everett Snohomish County (Paine Field)	04	40,207	Convert structural fire tanker truck to a crash/fire/rescue vehicle.
Moses Lake Grant County	01	107,321	Acquire crash/fire/rescue vehicle.
Pasco Tri-Cities	04	500,000	Land and relocation assistance; structure removal.
Pullman Pullman-Moscow Regional	03	431,757	Land; relocate road and drainage ditch; obliterate old roads; fencing.
Richland Richland	01	200,000	Land and relocation assistance.
Seattle Boeing Field/King County International	06	93,383	Acquire crash/fire/rescue vehicle including radios; install visual approach slope indicators (VASI-2).
	07	1,073,882	Land and relocation assistance; structure removal.
Seattle Seattle-Tacoma International	10	161,077	Construct apron including blast fence, tiedowns and lighting; fencing.
	11	4,500,000	Land and relocation assistance; environmental and scenic enhancement.
Spokane Felts Field	02	169,095	Construct parking and holding apron; obstruction removal.
Spokane Spokane International	07	1,651,212	Land and relocation assistance.
	08	613,000	Strengthen runway and apron; strengthen and widen taxiway; marking.
Wenatchee Pangborn Field	04	284,519	Construct crash/fire/rescue building; resurface apron.
<u>WEST VIRGINIA</u>			
Charleston Kanawha	05	560,302	Install runway lighting and taxiway lighting; associated vault equipment; construct blast protection.
	06	524,097	Rehabilitate runway (5,100' x 90'), taxiway and stub taxiway.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>WEST VIRGINIA (Cont'd)</u>			
Huntington Tri-State	04	500,670	Repair landslide near taxiway parallel to Runway 12/30; expand apron.
Martinsburg Eastern West Virginia Regional	02	21,941	Install fencing and gates.
Parkersburg Wood County	03	273,322	Overlay, and groove runway (4,000' x 150'); repair landslide; expand apron; construct road; overlay taxiway; marking; fencing and gates. (Multi-Year Project. Total Federal Commitment \$525,270).
<u>WISCONSIN</u>			
Eagle River Eagle River	01	293,589	Land and relocation assistance; expand apron; overlay apron; construct and light taxiway and tiedowns; obstruction removal and lighting; relocate wind cone; install lighted wind tee; marking.
Fond du Lac Fond du Lac County	02	495,270	Land and relocation assistance; obstruction removal and/or lighting; overlay and mark runway (5,000' x 75').
Green Bay Austin Straubel Field	05	894,600	Land; reconstruct portions of runway and taxiway; overlay taxiways; raise associated lights; drainage; construct storm sewer; install water supply system and wind cone; remove fuel tanks; replace apron pavement.
Madison Dane County Regional-Truax Field	04	581,204	Land and relocation assistance; relocate road and utilities; install fencing and gates; remove obstructions; mark obstructions.
Marshfield Marshfield Municipal	02	165,420	Construct and light apron; construct and mark connecting taxiway; construct roads; fencing; relocate field lighting controls.
Milwaukee General Mitchell Field	07	3,581,250	Overlay portions of runways and taxiways; construct paved shoulders; revise associated runway and taxiway lighting systems; raise in pavement ALS; construct taxiway; drainage, marking; expand apron.
Minocqua Woodruff Lakeland	01	142,200	Construct and light taxiway; construct apron expansion with tiedowns; install runway end identifier lights and lighted wind cone; obstruction light road; relocate tetrahedron; bury powerline; obstruction removal; marking.

APPENDIX G
AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1976/TQ

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>WISCONSIN (Cont'd)</u>			
Oshkosh Wittman Field	04	906,660	Reconstruct and mark apron-taxiway; replace runway and taxiway lighting cables; install taxiway lighting; install standby generator wind cone, taxiway guidance signs, safety fencing including gates; electrical vault work; radio control for lighting systems; construct apron and reconstruct apron; remove obstructions and light obstructions.
<u>WYOMING</u>			
Casper Natrona County International	04	1,059,245	Install fence with gates; rehabilitate and light runway (approximately 6,700' x 150'); replace rotating beacon; install visual approach slope indicators (VASI-4); widen taxiway including lighting modifications; rehabilitate taxiway and portion of apron; marking.
Cody Cody Municipal	02	96,336	Apply skid resistant seal coat and mark runway (approximately 7,100' x 100').
Cowley-Lovell-Byron North Big Horn County	02	74,036	Install runway lighting including radio control unit, visual approach slope indicator (VASI-2); replace rotating beacon; install lighted wind cone and segmented circle.
Douglas Converse County	01	78,910	Install runway lighting, segmented circle, lighted wind cone and visual approach slope indicators (VASI-2).
Greybull South Big Horn County	02	153,674	Expand apron.
Newcastle Mondell Field	02	103,230	Install runway lighting and visual approach slope indicators (VASI-2) including radio control unit; install lighted wind cone and segmented circle; replace rotating beacon.
Riverton Riverton Regional	03	687,967	Reconstruct and mark portion of runway (approximately 3,150' x 100'), including modification of associated lighting system.
Rock Springs Rock Springs-Sweetwater County	02	133,754	Install fence; acquire emergency communications equipment; construct concrete driveway for crash/fire/rescue equipment building; construct apron.
Sheridan Sheridan County	03	873,776	Land; resurface portions of runway (approximately 4,800' x 100'); marking.

APPENDIX H

AIRPORT DEVELOPMENT AID PROGRAM-AIR CARRIER

RIS AS 5100-29

OR	STATE	TOTAL 1971-DATE	THRU CURRENT FY	UNOBLIGATED PROJECTS			ADVANCED			NOT STARTED			PROJECTS UNDERWAY			PROJECTS COMPLETED			FINANCIALLY COMPLETED		
				TOT. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS
ALA	10	36	14,154,046	--	--	--	508,642	4	1,831,546	5	4,471,491	7	861,628	20	6,480,739	29	33,362,228	29	33,362,228	29	33,362,228
AL	39	73	87,098,667	--	--	--	--	18	24,054,787	13	17,434,604	13	12,247,248	29	33,362,228	29	33,362,228	29	33,362,228	29	33,362,228
ARIZ	11	35	25,871,677	--	--	--	--	2	2,929,519	1	3,537,302	8	6,885,921	24	12,518,935	24	12,518,935	24	12,518,935	24	12,518,935
ARK	10	34	7,964,176	--	--	2	276,413	5	3,106,994	4	861,033	2	283,631	21	3,436,105	21	3,436,105	21	3,436,105	21	3,436,105
CAL	44	145	100,202,651	--	--	--	230,046	19	34,835,205	24	34,373,634	30	14,858,882	72	15,904,884	72	15,904,884	72	15,904,884	72	15,904,884
COLO	14	43	52,019,966	--	--	--	3,873,055	9	18,008,441	8	18,681,532	8	5,704,910	18	5,752,028	18	5,752,028	18	5,752,028	18	5,752,028
CONN	5	19	8,117,523	--	--	--	--	--	--	4	1,240,838	8	5,980,954	7	895,731	7	895,731	7	895,731	7	895,731
DEL	1	6	2,670,011	--	--	--	--	--	--	1	656,000	1	680,744	4	1,333,267	4	1,333,267	4	1,333,267	4	1,333,267
FLA	26	93	79,941,904	--	--	--	9,562,282	19	24,883,799	18	20,739,501	17	11,148,586	39	13,607,236	39	13,607,236	39	13,607,236	39	13,607,236
GA	11	36	67,629,401	--	--	--	--	7	13,289,009	13	32,479,069	7	18,973,246	9	2,908,077	9	2,908,077	9	2,908,077	9	2,908,077
HI	8	27	55,760,559	--	--	--	--	4	12,832,487	4	17,513,765	11	23,359,039	8	2,055,268	8	2,055,268	8	2,055,268	8	2,055,268
IDA	9	29	9,407,248	--	--	--	--	4	1,745,637	6	2,927,099	2	345,310	17	4,389,202	17	4,389,202	17	4,389,202	17	4,389,202
ILL	25	66	71,110,545	--	--	--	--	14	16,662,583	27	39,778,952	11	9,856,421	14	4,812,589	14	4,812,589	14	4,812,589	14	4,812,589
IND	13	26	35,137,304	--	--	--	2,173,418	4	10,566,991	14	17,971,263	2	756,701	6	3,668,931	6	3,668,931	6	3,668,931	6	3,668,931
IOWA	11	27	16,602,215	--	--	--	1,931,282	5	3,611,608	1	1,822,920	14	8,970,430	7	265,975	7	265,975	7	265,975	7	265,975
KANS	14	27	9,132,447	--	--	--	368,917	3	1,864,907	1	306,225	10	4,259,704	13	2,332,694	13	2,332,694	13	2,332,694	13	2,332,694
KY	7	39	22,577,084	--	--	--	1,665,048	5	4,237,474	11	10,100,855	6	3,742,265	17	2,831,442	17	2,831,442	17	2,831,442	17	2,831,442
LA	9	44	40,752,184	--	--	3	875,000	12	18,480,086	6	9,200,290	6	5,706,375	17	6,490,433	17	6,490,433	17	6,490,433	17	6,490,433
ME	8	31	5,142,480	--	--	--	--	7	1,174,950	2	236,467	10	1,729,067	12	2,001,996	12	2,001,996	12	2,001,996	12	2,001,996
MD	4	14	15,726,691	--	--	--	--	1	1,416,597	3	10,337,150	2	2,485,220	8	1,487,724	8	1,487,724	8	1,487,724	8	1,487,724
MASS	9	44	17,084,481	--	--	--	--	7	5,500,515	6	2,992,497	7	2,204,571	24	6,386,898	24	6,386,898	24	6,386,898	24	6,386,898
MICH	23	55	56,565,597	--	--	--	145,884	7	2,998,894	17	34,153,167	13	10,528,147	18	8,739,505	18	8,739,505	18	8,739,505	18	8,739,505
MINN	15	35	14,840,683	--	--	--	--	2	938,907	11	7,924,908	5	2,312,959	17	3,663,909	17	3,663,909	17	3,663,909	17	3,663,909
MISS	11	31	13,130,169	--	--	--	167,289	7	5,029,923	2	2,877,250	7	2,043,931	15	3,011,776	15	3,011,776	15	3,011,776	15	3,011,776
MO	8	34	11,690,683	--	--	--	--	3	2,528,265	2	326,338	10	4,133,797	19	4,702,283	19	4,702,283	19	4,702,283	19	4,702,283
MONT	15	48	14,500,500	--	--	--	--	6	5,257,146	5	1,422,680	13	4,576,489	24	3,344,185	24	3,344,185	24	3,344,185	24	3,344,185
NEB	14	48	19,872,952	--	--	--	145,884	5	3,101,980	6	7,237,950	17	4,884,580	20	4,502,458	20	4,502,458	20	4,502,458	20	4,502,458
NEV	4	15	18,682,266	--	--	--	--	2	3,445,768	1	298,397	6	12,318,481	6	2,619,620	6	2,619,620	6	2,619,620	6	2,619,620
NJ	4	14	2,124,688	--	--	--	183,079	1	548,801	3	620,480	2	55,500	8	716,828	8	716,828	8	716,828	8	716,828
NMEX	10	44	9,908,407	--	--	--	--	10	7,048,916	7	14,798,810	13	12,873,981	--	--	--	--	--	--	--	--
NY	23	98	65,596,231	--	--	--	1,455,759	10	2,398,969	2	333,872	2	649,142	24	5,070,665	24	5,070,665	24	5,070,665	24	5,070,665
NC	12	40	33,775,111	--	--	--	2,429,371	22	16,518,343	19	22,467,345	33	19,683,192	24	4,497,980	24	4,497,980	24	4,497,980	24	4,497,980
ND	7	25	10,607,943	--	--	--	--	9	11,853,945	12	15,701,650	16	5,297,921	3	921,595	3	921,595	3	921,595	3	921,595
NDKT	7	25	10,607,943	--	--	--	--	5	2,286,336	9	4,361,762	1	88,245	10	3,871,600	10	3,871,600	10	3,871,600	10	3,871,600
OHIO	13	34	31,808,742	--	--	--	1,137,439	6	5,586,817	14	18,533,313	5	1,476,920	9	5,074,253	9	5,074,253	9	5,074,253	9	5,074,253
OKLA	12	44	25,981,487	--	--	3	645,372	6	7,764,890	8	4,424,225	7	5,248,369	20	7,898,631	20	7,898,631	20	7,898,631	20	7,898,631
OREG	10	31	26,867,583	--	--	--	--	4	4,091,815	4	5,190,886	5	10,550,683	18	7,034,199	18	7,034,199	18	7,034,199	18	7,034,199

APPENDIX H

AIRPORT DEVELOPMENT AID PROGRAM-AIR CARRIER										RIS AS 5100-29									
STATUS AS OF 30 SEPTEMBER 1976										STATUS OF GRANT AGREEMENTS-----*									
THRU CURRENT FY										*---FINANCIALLY---									
ADVANCED										PROJECTS									
NOT STARTED										UNDERWAY									
FEDERAL FUNDS										COMPLETED									
NO. PROJ										FEDERAL FUNDS									
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APPENDIX I
AIRPORT DEVELOPMENT AID PROGRAM-GENERAL AVIATION
RIS AS 5100-28

STATE		TOTAL 1971-DATE		UNOBLIGATED PROJECTS		STATUS AS OF 30 SEPTEMBER 1976		GRANT AGREEMENTS		PROJECTS COMPLETED		FINANCIALLY	
THRU CURRENT FY		ADVANCED		NOT STARTED		UNDERWAY		COMPLETED		COMPLETED		COMPLETED	
OR	TOT. TOTAL	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ
ALA	9	10	2,989,000	--	--	3	1,059,994	2	925,320	2	636,029	3	367,657
AL	8	14	9,791,133	--	--	2	1,967,300	5	4,483,086	3	2,826,344	4	514,403
ARIZ	14	16	3,511,782	--	--	5	1,122,403	--	--	3	872,552	8	1,516,827
ARK	15	18	3,684,184	--	--	5	665,366	3	1,283,777	2	472,745	8	1,262,296
CAL	41	62	13,404,262	--	--	7	2,584,248	14	3,891,490	11	3,642,563	30	3,285,961
COLO	9	10	3,378,688	--	--	3	2,604,105	2	610,000	2	86,794	3	77,789
CONN	2	9	1,551,628	--	--	--	--	1	429,870	3	194,275	5	927,483
DEL	1	2	253,650	--	--	1	90,000	--	--	1	163,650	--	--
FLA	18	23	4,379,914	--	--	3	1,579,486	2	337,500	9	1,546,369	9	916,559
GA	26	28	5,855,464	--	--	3	875,427	7	2,198,892	6	1,593,087	12	1,188,058
HI	1	1	288,750	--	--	--	--	--	--	1	288,750	--	--
IDA	12	15	2,354,024	--	--	3	464,787	2	687,382	5	396,626	5	805,229
ILL	26	34	8,332,470	--	--	9	1,668,150	6	2,279,432	9	2,706,474	10	1,678,414
IND	16	18	11,016,448	--	--	4	6,496,603	6	1,740,634	3	2,106,048	5	673,163
IOWA	16	17	3,131,791	--	--	5	591,843	1	200,200	5	1,625,914	6	713,834
KANS	16	16	2,307,275	--	--	3	773,056	--	--	4	946,544	9	587,675
KY	10	11	3,166,241	--	--	2	1,334,117	1	120,000	3	522,643	5	1,189,481
LA	6	8	2,638,204	--	--	4	1,605,163	3	983,979	--	--	1	49,062
ME	15	19	1,523,299	--	--	3	361,350	5	212,720	4	424,165	7	525,064
MD	3	4	2,566,475	--	--	1	382,320	1	2,123,198	1	39,737	1	21,220
MASS	13	33	2,701,739	--	--	4	542,712	2	296,500	4	495,689	23	1,366,838
MICH	19	22	5,733,286	--	--	3	1,209,707	7	2,284,700	6	1,678,550	6	560,329
MINN	24	25	5,544,105	--	--	3	1,036,871	9	2,771,403	7	1,119,385	6	616,446
MISS	33	39	5,595,244	--	--	6	786,765	1	77,902	6	1,399,788	26	3,330,789
MO	18	22	4,846,642	--	--	2	1,251,103	2	450,954	6	1,047,193	12	2,117,392
MONT	11	11	1,805,990	--	--	3	617,751	2	724,847	1	212,060	5	251,341
NEB	25	29	5,240,694	--	--	3	918,000	4	998,250	10	2,026,470	12	1,297,974
NEV	2	3	326,204	--	--	--	--	--	--	2	304,692	1	21,512
NH	4	6	757,050	--	--	1	137,700	1	180,000	1	54,086	3	385,264
NJ	5	7	6,563,506	--	--	3	1,200,823	--	--	3	5,302,833	1	59,850
NMEX	12	15	2,506,999	--	--	3	658,889	1	351,789	--	--	11	1,496,321
NY	18	24	6,740,486	--	--	11	2,547,772	4	3,100,392	6	929,774	3	182,548
NC	20	26	6,869,023	--	--	6	1,437,947	8	3,566,047	5	1,020,154	7	844,875
NDKT	15	17	2,673,812	--	--	4	499,926	8	1,400,104	4	726,000	2	47,782
OHIO	11	15	4,358,436	--	--	3	1,204,637	5	1,798,250	4	1,183,935	3	171,614
OKLA	40	45	4,982,279	--	--	7	1,503,352	4	544,218	8	814,802	26	2,119,907
OREG	14	16	2,350,265	--	--	5	943,840	--	--	5	513,195	6	893,230

APPENDIX I

AIRPORT DEVELOPMENT AID PROGRAM-GENERAL AVIATION									
STATUS AS OF 30 SEPTEMBER 1976									
STATUS OF GRANT AGREEMENTS									
FINANCIALLY									
OR	TOT. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	NOT STARTED	PROJECTS UNDERWAY	PROJECTS COMPLETED	FINANCIALLY COMPLETED
STATE	1971-DATE	THRU CURRENT FY	ADVANCED	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS
PA	15	18	3,832,047	--	--	2	195,300	5	1,374,041
SC	11	11	3,170,010	--	--	2	674,621	2	580,800
SDKT	11	13	2,697,785	--	--	1	584,208	1	582,088
TENN	13	13	3,880,733	--	--	3	906,557	3	924,219
TEX	57	71	18,593,995	--	--	20	8,767,854	19	3,184,695
UTAH	15	18	3,246,977	--	--	3	487,482	5	1,393,804
VT	5	8	358,061	--	--	3	107,640	--	--
WA	12	17	4,354,836	--	--	9	2,662,299	3	618,375
WASH	19	29	4,880,127	--	--	7	1,769,189	4	1,146,091
WA	9	14	3,832,277	--	--	1	21,941	2	1,817,882
WIS	23	30	4,713,573	--	--	2	637,470	4	1,176,889
WYO	11	14	1,437,050	--	--	4	409,850	--	--
OR	1	1	91,208	--	--	--	--	--	--
TOTALS	751	947	210,849,130	--	--	189	59,927,924	167	53,851,720
								204	50,993,725
								387	46,075,761